



## 2016-2017 CSC full-scholarship for students in degree programs

### Program introduction:

China Scholarship Council(hereinafter referred to as CSC), entrusted by the Ministry of Education of China, is responsible for the enrollment and administration of Chinese Government Scholarship Programs. China Three Gorges University(CTGU) is one of the authorized universities to accept the CSC scholarships students. The CSC Sino-US Full Scholarship for Undergraduate and Postgraduate Students is established to sponsor the excellent students from USA.

### Programs open for the scholarship application of academic year 2016-2017:

Please see the attached programs list below.

### The CSC full scholarship will cover all the expenses as below:

1. Tuition fees
2. Accommodation fees
3. Insurance
4. Registration fees
5. Monthly living allowance

### Documents for application:

- \* Completed CSC application form
- \* Application documents for relevant programs

*\* It is to be mentioned that the applicants must not be a registered student in Chinese universities at the time of application; or be a graduate from Chinese universities for more than one year.*

### Application deadline: 25<sup>th</sup> of April

**If you need further information or assistance, please contact us via:**

**Tel: +86-717- 639 4999 / 3369      Fax: +86 -717-639 3309**

**Email:admission@ctgu.edu.cn   hxl@ctgu.edu.cn**

**Website: <http://eng.ctgu.edu.cn>**



## **UNDERGRADUATE PROGRAMS**

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6 Bachelor of Mechanical Engineering Materials

7 Bachelor of Electrical Engineering

8 Bachelor of Automation

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## UNDERGRADUATE PROGRAMS

### UNDERGRADUATE PROGRAMS IN CHINESE MEDIUMS

No.	Programs	Duration	Degree
1	Finance	Four years	Bachelor of economics
2	International Economics And Trade	Four years	Bachelor of economics
3	Law	Four years	Bachelor of Laws
4	Educational Technology	Four years	Bachelor of Laws
5	Physical Education	Four years	Bachelor of Education
6	Social Sports Guidance and Management	Four years	Bachelor of Education
7	Chinese Language and Literature	Four years	Bachelor of Arts
8	International Chinese Language Education	Four years	Bachelor of Arts
9	Television Broadcasting Science	Four years	Bachelor of Arts
10	Mathematics and Applied Mathematics	Four years	Bachelor of Science
11	Information and Computing Science	Four years	Bachelor of Science
12	Physics	Four years	Bachelor of Science
13	Chemistry	Four years	Bachelor of Science
14	Chemicobiology	Four years	Bachelor of Science
15	Biological Sciences	Four years	Bachelor of Science
16	Ecology	Four years	Bachelor of Science
17	Mechanical Design-manufacture and its Automation	Four years	Bachelor of Engineering
18	Material forming and Control Engineering	Four years	Bachelor of Engineering
19	Mechatronic Engineering	Four years	Bachelor of Engineering
20	Metallic Materials Engineering	Four years	Bachelor of Engineering

21	New Energy Materials	Four years	Bachelor of Engineering
22	Energy Resources and Dynamical Engineering	Four years	Bachelor of Engineering
23	Electrical Engineering and Automation	Four years	Bachelor of Engineering
24	Electronic Information Engineering	Four years	Bachelor of Engineering
25	Telecommunications engineering	Four years	Bachelor of Engineering
26	Photoelectron Information & Science	Four years	Bachelor of Engineering
27	Electronic Information Science and Technology	Four years	Bachelor of Science
28	Automation	Four years	Bachelor of Engineering
29	Computer Science and Technology	Four years	Bachelor of Engineering
30	Internet of Things Engineering	Four years	Bachelor of Engineering
31	Digital Media Technology	Four years	Bachelor of Engineering
32	Civil Engineering	Four years	Bachelor of Engineering
33	water conservancy and hydropower engineering	Four years	Bachelor of Engineering
34	Hydrology and Water Resources Engineering	Four years	Bachelor of Engineering
35	Chemical Engineering and Technology	Four years	Bachelor of Engineering
36	Pharmaceutical Engineering	Four years	Bachelor of Engineering
37	Geological Engineering	Four years	Bachelor of Engineering
38	Nuclear Engineering And Technology	Four years	Bachelor of Engineering
39	Agricultural Water Conservancy Engineering	Four years	Bachelor of Engineering
40	Environmental Engineering Technology	Four years	Bachelor of Engineering
41	Architecture	Five years	Bachelor of Engineering
42	Urban and Regional Planning	Five years	Bachelor of Engineering
43	Bioengineering	Four years	Bachelor of Engineering

44	Clinical Medicine	Five years	Bachelor of Medicine
45	Medical Imaging	Five years	Bachelor of Medicine
46	Traditional Chinese medicine	Five years	Bachelor of Medicine
47	pharmacy	Four years	Bachelor of Science
48	Nursing	Four years	Bachelor of Science
49	Information Management and Information System	Four years	Bachelor of Management
50	Project Management	Four years	Bachelor of Management
51	Project Cost	Four years	Bachelor of Management
52	Business Administration	Four years	Bachelor of Management
53	Marketing	Four years	Bachelor of Management
54	Financial Management	Four years	Bachelor of Management
55	Human Resource Management	Four years	Bachelor of Management
56	Public Utilities Management	Four years	Bachelor of Management
57	Executive Management	Four years	Bachelor of Management
58	Logistics Management	Four years	Bachelor of Management
59	Industry Engineering	Four years	Bachelor of Engineering
60	Tourism Management	Four years	Bachelor of Management
61	Music Performance	Four years	Bachelor of Arts
62	Musicology	Four years	Bachelor of Arts
63	Dancology	Four years	Bachelor of Arts
64	Broadcasting and hosting	Four years	Bachelor of Arts
65	Fine Arts	Four years	Bachelor of Arts
66	Visual communication	Four years	Bachelor of Arts
67	Environmental design	Four years	Bachelor of Arts

## UNDERGRADUATE PROGRAMS IN ENGLISH OR BILINGUAL MEDIUMS

**Program:** Bachelor of Water Resources Engineering

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Hydraulic & Environmental Engineering

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Theoretic Mechanics
2. Materials Mechanics
3. Structural Mechanics
4. Hydraulics
5. Soil Mechanics
6. Engineering Geology
7. Engineering Survey
8. Water & Soil Resources Analysis & Management
9. Engineering Materials
10. Steel & Reinforced Concrete Structures
11. Water Resources Planning & Utilization
12. Hydraulic Structures
13. Hydro-power Station Structures
14. Water Conservancy Engineering Construction
15. Engineering Economics

**Training Objective:** The training objective of this program is to cultivate the undergraduate students to master the knowledge of investigation, planning, design, construction, research and management for the Water Resources and Hydropower Engineering, those who have the ability for engaging in the water conservancy, hydropower industry, etc.

**Program:** Bachelor of Civil Engineering

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Civil Engineering & Architecture

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Advanced Mathematics
2. Descriptive Geometry and Civil Engineering Drafting
3. Material Mechanics
4. Civil Engineering Surveying
5. Rock Mechanics
6. Civil Engineering Material
7. Principle of Concrete Structure
8. Principle of Steel Structure
9. Civil Engineering Construction
10. Foundation Engineering
11. Civil Engineering Budgeting

**Training Objective:** This major aims to cultivate senior engineering technical personnel in an all- way, morally, intellectually and physically. They are expected to master basic theory and knowledge of civil engineering, take basic quality training in civil engineering and embrace a spirit of innovation. The graduates can carry on the work of design, construction, supervision and management in civil engineering, and have the preliminary capacity of carrying on project planning and scientific research in civil engineering.

**Program:** Bachelor of Mechanical Engineering Materials

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Materials and Chemical Engineering

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Engineering Chemistry
2. Fundamentals of Materials Science
3. Physical Chemistry of Materials
4. Fundamental of Thermo-technology
5. Electrical Engineering & Electronics
6. Synthetic Fundamentals of Inorganic Materials
7. Solid State Physics
8. Semiconductor Physics and Devices
9. Fundamental of Electrochemistry
10. Physical Property of Inorganic non-metallic Materials
11. Micro-analysis of Materials
12. Film Physics and Film materials

**Training Objective:** This program is aimed to cultivate high-qualified applied talents who are equipped with theories and knowledge basis in natural science, strong ability of foreign languages and general knowledge of humanities and social science. Meanwhile, the students are expected to occupy a high professional quality and strong ability of basic theories and techniques related to new energy material. After graduation, students can be engaged in production and processing, process designing, technological development, scientific research .etc in fields such as solar energy and energy storage materials.



**Program:** Bachelor of Electrical Engineering

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Electrical Engineering & New Energy

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Mathematics
2. Physics
3. Engineering Mechanics
4. Circuits and Systems
5. Microprocessor Programming
6. Relay Protection of Power System
7. Power Electronics
8. Automatic Control Theory
9. Modern Control Theory
10. Main Electrical System of Power Plant
11. Electrical Motor
12. Power System Automation
13. High Voltage Technology
14. Electronics

**Training Objective:** This major is aimed to cultivate senior engineering technical and managerial personnel with “high quality, strong ability, application-orientation”, adapted to the needs of the 21 century socialist modernization construction, developing in an all round way, morally, intellectually and physically. The graduates can carry on the work related to electrical engineering in the field of system operation, automatic control, power electronic technology, information processing, test analysis, product development and application of electronic and computer technology, etc.

**Program:** Bachelor of Automation

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Electrical Engineering & New Energy

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Introduction to Automation Discipline
2. Circuits Theory
3. Circuits Experiment
4. Analog Electronics
5. Digital Electronics
6. Electronics Experiment
7. Sensors and Detection Technology
8. Signal and System
9. Control Theory
10. Single-chip and Embedded System
11. Power Electronics
12. Electric Appliances and PLC
13. Electrical Machine and Drive
14. Motion Control
15. Process Control
16. Computer Detection and Control System
17. Power Supply Technology

**Training Objective:** This major is aimed to cultivate senior engineering technical and managerial personnel with “high quality, strong ability, application-orientation”, adapted to the needs of the 21 century socialist modernization construction, developing in an all round way, morally, intellectually and physically. The graduates can carry on the work related to electrical engineering in the field of system operation, automatic control, power electronic technology, information processing, test analysis, product development and application of electronic and computer technology, etc.

**Program:** Bachelor of Communication and Computer Technology

**Qualification Awarded:** Bachelor's Degree

**Faculty** College of Computer Science and Information Technology

**Teaching language:** English/Chinese

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Signal Analysis and Processing
2. Communications Theory
3. Modern Switching Principles
4. Mobile Communication
5. Computer Network
6. Technology and Application of AVR Microcontroller
7. Principle and Design of Embedded System
8. Program Design of Mobile Intelligent Terminal
9. Short Distance Wireless Communication Technology
10. Digital Image Processing
11. Communications Theory Lab
12. Mobile Communication Lab
13. AVR Microcontroller Technology Practice
14. Embedded System Design Practice
15. Design of Short Distance Wireless Communication

**Training Objective:** This major is based on the communication and computer knowledge, training talented engineer who can be engaged in the field of communication, such as communications engineering research and design, equipment manufacturing and maintenance, communication network operation and technical management, or in other related professions engaged in the development of communication and information technology and application.

**Program:** Bachelor of Business Administration (BBA)

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Economics and Management

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Introduction to Management
2. Macroeconomics
3. Microeconomics
4. Business Strategy Management
5. Accounting principle
6. MIS
7. Economic Laws
8. Statistics
9. Marketing
10. Financial Management
11. Human Resources Management
12. Small and Medium Enterprise Management
13. Entrepreneurial management
14. Production and Operations Management

**Training Objective:** This program is aimed to cultivate high-qualified applied talents who are equipped with theories and knowledge in management, economy, law, modern enterprise management. Meanwhile, the students are expected to occupy a high professional quality and strong ability of management practice and communication so that they can be engaged in the management and research work in various enterprises and institutions.

**Program:** Bachelor of Medicine & Bachelor of Surgery (MBBS)

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Medical Science

**Teaching language:** English or Chinese

**Duration:** 6 years or 1+6 years

**Start date:** October

**Key Courses:**

1. Human Anatomy
2. Pediatrics
3. Ophthalmology
4. Anesthesiology
5. General Chinese Language
6. Histology & Embryology
7. Physiology
8. Biochemistry
9. Pharmacology
10. Pathology
11. Microbiology & Parasitological
12. Community Medicine
13. Forensic Medicine
14. Clinical Medicine Orientation
15. Internal Medicine
16. General Surgery
17. Obstetrics & Gynecology

**Training Objective** This program is to cultivate the undergraduate students to develop social medical knowledge, standardized clinical skills, and an appropriate professional attitude, and to lay the foundation for their further study in medical practice, medical research, health administration, etc.

**Program:** Bachelor of Chinese Language

**Faculty:** College of Art & Communication

**Teaching language:** English

**Duration:** Four years

**Qualification Awarded:** Bachelor's Degree

**Start date:** October

**Key Courses:**

1. Comprehensive Chinese
2. Chinese Listening, Reading and Writing
3. Basic Chinese Writing
4. Practical Chinese Writing
5. HSK Counseling
6. Modern Chinese
7. Ancient Chinese
8. Ancient Chinese Literature
9. Chinese Modern and Contemporary Literature
10. Chinese Intensive Reading
11. Newspaper Reading
12. Chinese Culture

**Program:** Bachelor of Pharmacy

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Biological and Pharmaceutical Sciences

**Teaching language:** English

**Duration:** Four years

**Start date:** October

**Key Courses:**

1. Introduction of Bioengineering
2. Inorganic and Analytical Chemistry
3. Organic Chemistry
4. Physical Chemistry
5. Biochemistry
6. Bioprocess Principle
7. Biorefinery Technology
8. Principle of Chemical Engineering
9. Principle of Chemical Engineering
10. Microbiology
11. Ferment Engineering
12. Biology Separation Engineering
13. Bioengineering Equipment
14. Industry Analysis
15. Chemical Engineering Instrument& Automation

**Training Objective:** This program is for training the qualified candidates meeting the requirements of Bio-industry and with a comprehensive development both in mentally and physically, a grasp of basic theories, knowledge and skills of Chemistry and Engineering and a competitive capacity in learning and innovation.

**Program:** Bachelor of Social Sports and Wushu

**Qualification Awarded:** Bachelor's Degree

**Faculty:** College of Physical Education

**Teaching language:** English/Chinese

**Duration:** Four years (3 years course learning + 1 year internship)

**Start date:** October

**Key Courses:**

1. Chinese
2. General Introduction to China
3. Sports Anatomy
4. Principle and Method of Body Building
5. The Health Care of Sports
6. Physical Education of Psychology
7. Sports Management
8. Sports Healing
9. Chinese Sports and Health
10. Major Items (WuShu)
11. Minor Items (Taekwondo, Basketball)
12. Qigong cultivation (Baduanjin, Wuqinxi)
13. Taiji Quan
14. San Shou
15. Dragon and Lion
16. Dragon Boat
17. Bashan Dance

**Training Objective:** This major is aimed to cultivate social sports personnel with “high quality, strong ability, application-orientation”, adapted to the needs of the 21 century socialist modernization construction and the talent training requirements of CTGU, developing in an all round way, morally, intellectually and physically.



## How to Apply

### **Eligibility for Bachelor's programs:**

1. 18-25 years old; in good health; U.S. passport holder
2. Students who have basic knowledge of Chinese language will be given priority.
3. HSK level 6 or one-year compulsory Chinese language learning in advance (for Chinese or bilingual medium programs)
4. Not be a registered student in Chinese universities at the time of application; or be a graduate from Chinese universities for more than one year.

### **Application Documents for Bachelor's programs:**

1. Completed CTGU Application Form for Undergraduate Students
2. Completed CSC scholarship application form
3. Passport copy (Photo Page)
4. The highest academic certificate
5. Academic Transcript
6. Certificate of Physical Examination (6 months or above study period)

*\* To get a CTGU application form, you can download it from <http://eng.ctgu.edu.cn/DOWNLOADS>.*

*To submit CSC scholarship application, please go to <http://www.csc.edu.cn/laihua> or*

*<http://www.campuschina.cn>. Click Application Online for International Students, the agent code of CTGU is 11075. When you finished the forms, you can download it and print it out in hard copy.*

## POSTGRADUATES PROGRAMS

### 26 Primary discipline programs for Postgraduates Programs students

1. [Hydraulic Engineering \(English medium\)](#)
2. Engineering Mechanics (Chinese and English medium)
3. Management Science and Engineering (Chinese and English medium) (Master of Engineering)
4. [Civil Engineering \(English medium\)](#)
5. Geological Resources and Geological Engineering (Chinese and English medium)
6. Mechanical Engineering (Chinese and English Medium)
7. Electrical Engineering (Chinese and English Medium)
8. Control Theory and Control Engineering (Chinese and English Medium)
9. Computer Science and Technology (Chinese and English Medium)
10. Software Engineering (Chinese and English Medium)
11. Management Science and Engineering (Chinese and English Medium)(Master of management)
12. [Business Administration \(English medium\)](#)
13. Basic Medicine (Chinese and English Medium)
14. Pharmacology (Chinese and English Medium)(Master of Medicine)
15. Clinical Medicine(Chinese and English Medium)
16. Pedagogy(Chinese and English Medium)
17. Chinese Language and Literature (Chinese and English Medium)
18. History of the Communist Party of China (Chinese and English Medium)
19. Marxist Theory(Chinese and English Medium)
20. Mathematics(Chinese and English Medium)
21. Physics(Chinese and English Medium)
22. Chemistry (Chinese and English Medium)
23. Biology (Chinese and English Medium)
24. Ecology (Chinese and English Medium)
25. Pharmacology (Chinese and English Medium)(Master of Science)
26. Foreign Language and Literature (Chinese and English Medium)

## How to Apply

### **Eligibility for Master programs:**

1. 18-35 years old; in good health; U.S. passport holder
2. Bachelor's Degree in related fields
3. HSK level 6 or one-year compulsory Chinese language learning in advance (for bilingual medium programs)
5. Not be a registered student in Chinese universities at the time of application; or be a graduate from Chinese universities for more than one year.

### **Application Documents for Master programs:**

1. Completed CTGU Application Form for International Students
2. Completed CSC scholarship application form
3. Passport copy (photo page)
4. Notarized Bachelor's Degree or above
5. Academic transcripts
6. Personal CV
7. HSK level 6 certificate (for Chinese Medium Only)
8. Certificate of Physical Examination

*\* To get a CTGU application form, you can download it from <http://eng.ctgu.edu.cn/DOWNLOADS>.*

*To submit CSC scholarship application, please go to <http://www.csc.edu.cn/laihua> or*

*<http://www.campuschina.cn>. Click Application Online for International Students, the agent code of CTGU is 11075. When you finished the forms, you can download it and print it out in hard copy.*

## PhD Programs

<b>Program</b>	Hydraulic Engineering
<b>Qualification Awarded</b>	Doctor in Hydraulic Engineering
<b>Faculty</b>	College of Hydraulic & Environment Engineering
<b>Teaching language</b>	English
<b>Duration</b>	Three years
<b>Start date</b>	September

### Research Fields:

Major code, name, research direction	Supervisors
081501 Hydrology and Water Resources	He Weijun Liu Defu Huang Yingping Dong Xiaohua
081502 Hydraulics and River Dynamics	Liu Defu Zhou Yihong Chen Hechun Shi Xiaotao
081503 Hydraulic Structure Engineering	Tian Bin Wang Congfeng Xiao Shangbin Tong Fuguo
081504 Hydraulic and Hydro-Power Engineering	Zhou Yihong Zheng Xiazhong Guo Qi Li Xianshan

<b>Program</b>	Civil Engineering
<b>Qualification Awarded</b>	Doctor in Civil Engineering
<b>Faculty</b>	College of Civil Engineering & Architecture
<b>Teaching language</b>	English
<b>Duration</b>	Three years
<b>Start date</b>	September

### Research Fields:

<b>Major code, name, research direction</b>	<b>Supervisors</b>
081401 Rock and Soil mechanics basic theory and method	Li Jianlin Wang Shimei
081402 Rock mass engineering reinforcement theory and method	Li Jianlin Zhang Guodong
081403 Slope protection and ecological restoration	Xu Wennian
081404 Structure design theory and method	Peng Gang Liu Zhangjun
081405 Concrete materials dynamic and static	Peng Gang
081406 Seismic and vibration of control engineering structure	Liu Zhangjun Peng Gang
081407 Geological disaster forecast and supervision	Zhang Guodong Wang Shimei
081408 Tunneling stability analysis and control	Li Jianlin

## How to Apply

### **Eligibility for PhD programs with scholarships:**

1. 18-45 years old; in good health; non-Chinese passport holder
2. Master's degree in related field
3. Good English proficiency. Students who have basic knowledge of Chinese language will be given priority.
4. CSC full scholarship applicant must not be a registered student in Chinese universities at the time of application; or be a graduate from Chinese universities for more than one year.

### **Application Documents for PhD programs with scholarships:**

1. Completed CTGU Application Form for International Students
2. Passport copy (photo page)
3. Notarized Master's degree or above
4. Academic transcripts
5. Personal CV
6. A study plan or Research Proposal (minimum 800 words)
7. Recommendation letters from at least two associate professors or professors
8. Certificate of Physical Examination

*\* To get a CTGU application form, you can download it from <http://eng.ctgu.edu.cn/DOWNLOADS>.*

*To submit CSC scholarship application, please go to <http://www.csc.edu.cn/laihua> or*

*<http://www.campuschina.cn>. Click Application Online for International Students, the agent code of CTGU is 11075. When you finished the forms, you can download it and print it out in hard copy.*

## **Profiles of Doctoral Supervisors**

## Prof. Li Jianlin

**Date of Birth:** June 1961

**E-mail:** ljli@ctgu.edu.cn

**Phone:** 0717-6392612

**Faculty:** College of Civil Engineering & Architecture

**Job Title:** Professor

### **1. Education:**

September 1987-June 1982, Wuhan Institute of Hydraulic and Electric Engineering, Construction of Hydraulic and Hydroelectric Engineering

September 1982-June 1985, Chinese Institute of Water Resources and Hydropower Research, Hydraulic Structure Engineering

September 1992 to June 1996, Chongqing University of Architecture, Geotechnical Engineering

### **2. Professional Experiences:**

(1) July 1993 to June 1995, Department of Scientific Research in Gezhouba Institute of Hydroelectric Engineering, Deputy Director of Department of Scientific Research

(2) July 1995 to June 1999, Wuhan University of Hydraulic & Electric Engineering (Yichang), Director of Department of Management Engineering

(3) November 1999 to September 2000, Wuhan University of Hydraulic & Electric Engineering (Yichang), Dean of College of Management

(4) September 2000 to June 2001, China Three Gorges University, President Assistant

(5) June 2001 to June 2007, China Three Gorges University, Vice-president

(6) June 2007 to now, China Three Gorges University, Secretary of Party Committee

### **3. Research Directions:**

(1) Theory and Application Research of Unloading Rock Mass Mechanics

(2) Numerical and Physical Simulation of Slope Engineering

(3) Stability Analysis and Reinforcement Study of Underground Cave

### **4. Published Papers (since 2011) :**

[1] Experimental study on seepage in cranny of sandstone due to axial compression and artificial fracture, Journal of Hydraulic Engineering, 2011

[2] Comparative Study of Three Calculation Methods for Slope Factor of Safety, Chinese Journal of Geotechnical Engineering, 2011

[3] Triaxial Unloading Test of Sandstone After, Chinese Journal of Geotechnical Engineering, 2011

[4] High Temperature, Chinese Journal of Geotechnical Engineering, 2011





[5] Research on Effect of Disc Thickness-to-diameter Ratio on Splitting, Chinese Journal of Geotechnical, 2012

[6] Tensile Strength of Rock, Engineering, 2012

[7] Experimental Research on Fracture Mechanical Effect of Sandstone under Water Corrosion, Chinese Journal of Geotechnical Engineering, 2012

[8] Experimental Study on Anisotropic Mechanical Characteristics of Jointed Rock Mass under Unloading Condition, Journal of Mining Safety Engineering, 2014

#### 5. Main Research Projects (since 2011) :

(1) January 2014-December 2016, Research and development of rock soak & dried of cyclic load rheometer, Science and Technology Department of Hubei Province

(2) January 2015-December 2019, Deformation failure mechanism and protection of bank slope under the complex conditions, National Natural Science Foundation of China

(3) January 2014-December 2016, New technology diagnosis and evaluation and protection demonstration of slope safety lifecycle, Ministry of Water Resources

(4) January 2013-December 2016, Charged anisotropic nonlinear study on the mechanical properties of jointed rock mass unloading, National Natural Science Foundation of China

(5) January 2013-December 2014, Research on the theory of the formation mechanism and stability evaluation of bank slope caused by large-scale hydropower project, Ministry of Science and Technology

(6) October 2011-December 2013, Study on water conservancy characteristic education services for the industry - Taking China Three Gorges University as an example, Ministry of Water Resources

(7) January 2011-December 2013, Study on the rheological mechanical properties of jointed rock mass unloading charge, National Natural Science Foundation of China

(8) January 2012-December 2013, Study on unloading rock mass anisotropy of mechanical properties, Ministry of Education

#### 6. Awards and Honors (since 2011) :

(1) 2010, "Soil and Water Rock Interaction Theory and Engineering Application" won the first prize of Hubei Province Science and Technology Progress Award (ranked the first)

(2) 2012, "Radar Interferometry Measurement Technology in Three Gorges Reservoir Region Landslide Deformation Monitoring in Applied Research" won the first prize of the radar interferometry measurement technology in the Three Gorges Reservoir area of landslide deformation monitoring of the application (ranked the second)

(3) 2013, "The Complex of Unloading Rock Mass Engineering Key Technology and Application" won the first prize of Hubei Province Science and Technology Progress Award (ranked the first)

(4) 4)2014, "The Benefit Effect of Excavation Unloading Rock Mass in Hydroelectric Engineering Research and Application" won the first prize of Award of Science Technology of Hydropower Generation (ranked the first)

(5) 2014, "Hubei Excellent Academic Thesis of Natural Science" won the third prize of Natural Science Award (rank the third)

## **7. Membership of Professional Bodies:**

(1) One of the Head of the key disciplines “Hydraulic Structure Engineering” of Hubei Province

(2) The person in charge of key Laboratory of Geotechnical Engineering Research Center of the State Power Corporation

(3) Committee member of the International Society for Rock Mechanics; member of International Association for Engineering Geology and the Environment; Vice Director of Rock Dynamic Committee; member of Professional Committee of China Society of Rock Mechanics

(4) Director of Chinese Rock Mechanics and Engineering, Executive Director of the Geological Association of Hubei Province

(5) Editorial Committee of Chinese Journal of Rock Mechanics and Engineering, Rock and Soil Mechanics Journal, Journal of Underground Space

(6) Evaluation Experts of National Natural Science Foundation of China Water Conservancy

## Prof. He Weijun

**Date of Birth:** November 1st, 1965

**E-mail:** hwj@ctgu.edu.cn

**Telephone:** 0717-6392041

**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

**Education:**

(1) July, 1982--July, 1986: Huazhong Institute of Technology, Bachelor of Engineering in Mechanical Engineering

(2) September, 1992--July, 1996: Chongqing University, Master of Economics in Technical Economy

(3) September, 2005--June, 2008: Huazhong University of Science and Technology, PhD of Business Administration

**Professional Experiences:**

(1) September, 1985--September, 1987: management in the second faculty of Mechanical Engineering of Huazhong Institute of Technology

(2) October, 1987--July, 1996: management in Gezhouba Institute of Hydroelectric Engineering

(3) July, 1996--June, 2000: management in Wuhan University of Hydraulic & Electric Engineering / Yichang

(4) March, 2007 to now: Deputy Secretary of Party Committee of China Three Gorges University

(5) April, 2012 to now: President of China Three Gorges University

**Research Directions:**

(1) Management Science and Engineering

(2) Technical Economy

(3) Logistics Engineering

**Academic Research:**

**1. Published Papers(since 2011):**

[1] He Weijun, Zeng Dexian, Culture Soft Power: The Powerful Motivation of Regional Economic Development, Guangming Daily (Theory Edition) , 2012

[2] He Weijun, *Promoting Competitiveness of Social Capitals*, Hubei Daily (Theory Edition) , 2012

[3] He Weijun, Shen Changgeng, Li Wei, *Evaluation and Analysis of Economic Development Level in All Counties (cities and districts) of Wuling Mountain Areas*, Hubei Social Sciences, 2014

[4] He Weijun, Yuan Liang, Luo Liping, Chai Tao, *Game Theory Perspective on Externalities of Enterprise Green Production*, Academic Journal of Wuhan University of Technology (Social Sciences Edition) , 2013

[5] He Weijun, Gao Xingqiang, Luo Liping, *Technoeconomic Analysis of Yunnan Wind Power Development Projects in the High-Altitude Mountain Environment*, Ecological Economy, 2013

[6] He Weijun, Yuan Liang, Wu Xia, *Stable Matching and Market Design--Academic Contribution*



*from the Winner of 2012 Nobel Economics Prize, Commercial Times, 2013*

[7]He Weijun, Yuan Liang, Li Lu, *Empirical Analysis of Relations Between Economic Growth and Industrial Structure--On a Basis of Time Series Data of Yichang City from 1990 to 2011*, Jiangsu Commercial Forum, 2013

[8] He Weijun, Yuan Xin, *Research on Relations of Industrial Cluster and Race Regional Economic Development--With Example of Enshi Tujia and Miao Autonomous Prefecture, Hubei Province*, Jiangsu Commercial Forum, 2012

[9] He Weijun, Liu Yongji, Hu Fang, *Research on the Role of the Government in Nurturing the Feature Industrial Clusters in Ethnic Minority Areas*, Reform and Strategy, 2011

[10] He Weijun, Ren Yuepan, *Necessity and Approach of the Three Gorges Logistics Processing Industry Platform Construction*, China Logistics & Purchasing, 2011

[11]He Weijun, Guan Xiongying, Ren Yuepan, *Action Mechanism Research of Service Support in Regional Logistics Center*, Contemporary Economics, 2011

## **2. Published Books(since 2011):**

[1]He Weijun, *Village Survey of China Ethnic Minorities (Miao Nationality)--Xiaomaopoying Village*, China Economic Publishing House, 2014

[2] He Weijun, *County Economy Development Path and Mode--With Example of Yidu City*, Science Press, 2014

[3] He Weijun, *Sustainable Development of The Three Gorges Logistics Center Construction and Economic Belt in the Upper Reaches of Yangtze River*, China Social Sciences Publishing House, 2012

[4] He Weijun, *China's National Economy Village Survey Series, Ziqiu Village Survey (Tujia ethnic group)*, China Economic Publishing House, 2011

[5]. He Weijun, Zeng Yuping, *Micro-economics*, Wuhan University Press, 2012

[6]. He Weijun, Zeng Yuping, *Macro-economics*, Wuhan University Press, 2011

## **3. Honors and Awards(since 2011):**

(1) First prize of Teaching Achievements of Hubei Province, 1 item

(2) Second prize of Philosophy and Social Science Excellent Achievements of Hubei Province, 2 items

(3) Second prize of Science and Technology Progress Award of Hubei Province, 1 item

(4) Second prize of Development Research Award of Hubei Province, 2 items

(5) Third prize of Development Research Award of Hubei Province, 1 item

(6) Third prize of Excellent Social Science Achievements of State Ethnic Affairs Commission, 1 item

(7) Third prize of Excellent Policy-making Consulting Achievements Award of China Association for Science And Technology, 1 item

(8) First prize of Scientific and Technological Progress of Yichang City, 1 item

(9) First prize of Excellent Social Sciences Achievements, 1 item

## **4. Membership of Professional Bodies:**

(1) President of China Three Gorges University

(2) Distinguished Visiting Professor of "Three Gorges Scholar"

(3) Special Allowance Specialist of Hubei Province people's government

(4)Committee Member of Teaching Steering Committee under Ministry of Education in economics major of higher education institution from 2013 to 2017

- (5) President of Hubei Three Gorges Cultural Research Association
- (6) Member of 7th and 8th Hubei Social Sciences joint committee
- (7) Member of China Hydraulic Electrogenrating Association

## Prof. Tian Bin

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) September 1982 to June 1986: majored in Water Conservancy and Hydropower Engineering Construction, Gezhouba Institute of Hydroelectric Engineering

(2) September 1989 to June 1992: Master's Degree in Hydroelectric Engineering, Department of Hydroelectric Engineering, Hohai University

(3) June 1992 to January 1996: Doctor's Degree in Hydraulic Structure Engineering, College of Water Conservancy and Hydropower Engineering, Hohai University

(4) September 2000 to March 2001: Post-doctoral Research in Geotechnical Engineering, LILLE 1 University-Science and Technology, France

### 2. Professional Experiences:

(1) July 1986 – August 1989: Teaching Assistant, Department of Water Conservancy and Hydropower Engineering, Gezhouba Institute of Hydroelectric Engineering

(2) January 1996 – December 1997: Lecturer, Deputy Dean, Department of Constructional Engineering, Wuhan University of Hydraulic & Electric Engineering (Yichang)

(3) January 1998 – November 2002: Associate Professor, Dean, College of Civil and Hydroelectric Engineering, China Three Gorges University

(4) November 2002 - November 2007: Professor, Dean, Department of Science and Technology, China Three Gorges University

(5) December 2007 – December 2008: Director, Office of Key Discipline Construction, China Three Gorges University

(6) January 2009 – December 2010: Assistant to President, China Three Gorges University

(7) January 2011- June 2012: Vice President, China Three Gorges University

(8) July 2007 to now: Deputy Secretary of Party Committee, Deputy Secretary of Party Committee

### 3. Research Directions:

(1) Designing Theories of High Dam and High Damming Technology

(2) Stability Evaluation and Reinforcement of Side Slope

(3) Risk Analysis of Structure and Prediction of Durability

### 4. Published Papers(since 2011):

[1] Tian Bin, Lu Xiaochun, Huang Yaoying, Jiang Dingguo, Excavation Disturbance and Its Influential Factors on Material-yard Slope of Guandi Hydropower Station in Yalong River, Chinese Journal of Rock



Mechanics and Engineering, 2010

[2] Tian Bin, Peng Hui, Liu Defu, Zhu Wenfeng, Research on the Optimum Joint Closure Temperature of High Arch Dam Considering Impoundment for Power Generation Ahead, Journal of Hydroelectric Engineering, 2010

[3] Tian Bin, Lu Xiaochun, Sun Dawei, Tong Fuguo(2012), Study on Earthquake Response Behaviors of Dongqing Concrete Facing Rockfill Dam, Water Resources and Power

#### **5. Published Books(since 2011):**

[1] Tian Bin, Meng Yongdong, The Technology and Practice of the 3D Modeling and Construction Process Simulation of Water Conservancy and Hydropower Engineering, China Water & Power Press, 2008

[2] The Temperature Field and Temperature Controlling Optimization of the Closure of the Arch Dam, China Water & Power Press, 2008

#### **6. Research Projects(since 2011)**

(1) 2010-2012, Tian Bin, The Risk Decision Research of Function Degradation and Durability Prediction of Concrete Dam, Natural Science Foundation of Hubei Province for Innovation Group Project

(2) 2011-2013, Tian Bin, The Stability Analysis and Construction Simulation Study of Loushui Linxihe River Hydropower Station Concrete Arch Dam Structure and Skewback, Zhongnan Engineering Corporation Limited of POWERCHINA

(3) 2011-2014, Tian Bin, First Phase Development of Integrated Design of Gravity Dam, Beijing Engineering Corporation Limited of HYDROCHINA CORPORATION

(4) 2009 -2012, Tian Bin, The Feasibility Study of Yunan Lancangjiang River Dahuaqiao Hydropower Station and Seismic Analysis of Roller Compacted Concrete Gravity Dam, Beijing Engineering Corporation Limited of HYDROCHINA CORPORATION

#### **7. Honors and Awards(since 2011):**

(1) 2012, The Research of the Extreme Ice Climate and the Prevention Technology of Geological Disasters, Second Prize of Scientific and Technological Progress of Hubei Province

(2) 2011, The Aqueduct Construction Technology Study of Beijing to Shijiazhuang Section of the Middle Route Project of South-to-North Water Diversion, Third Prize of Scientific and Technological Progress of Hubei Province

#### **8. Membership of Professional Bodies:**

(1) Concrete Faced Rockfill Dam Committee Member of China Society for Hydropower Engineering

(2) Environmental Geotechnics Council Member of Chinese Society for Rock Mechanics and Engineering

(3) Engineering Risk and Insurance Research Executive Director of China Civil Engineering Society

(4) Executive Director of Hubei Society for Mechanics

(5) Executive Director of Hubei Society for Hydropower Engineering

## Prof. Huang Yingping

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) September 1980 - July 1984: majored in chemistry education, Department of

Chemistry, Central China Normal University and obtained Bachelor Degree of Science;

(2) September 1989 - July 1992: obtained Master's Degree in Analytical Chemistry in the Chemistry Department of Wuhan University, engaged in synthesis of organic reagents and micro-elements analysis

(3) September 1997 - July 2000: obtained PhD in Analytical Chemistry in the Chemistry Department of Wuhan University, engaged in the research of enzyme catalysis

(4) September 2001 - June 2003: post-doctoral research at Institute of Chemistry, Chinese Academy of Sciences, engaged in the study of photocatalysis and environment photochemistry

(5) January 2006 - May 2006: pay an academic visit to Map. Tech. Co and Ferrum College in the United States, engaged in the study of river ecology and pollution ecology

### 2. Professional Experiences:

July 1984 to now: management in teaching and research work in the China Three Gorges University.

### 3. Research Directions:

(1) The Ecological Hydrotechnics (Design and Management of Green Hydropower Project)

Fish Ecology (Design and Evaluation of Hydropower Project Fish Passage)

(2) Pollution ecology (Ecological Barrier at Reservoir Area and Bank Construction and Evaluation)

(3) Photocatalysis and Environmental Photochemistry (Green Photochemical Treatment Methods and Technology to Toxic and Organic Contaminants)

### 4. Published Papers(since 2011):

[1] Lu Cai, Lei Chen, David Johnson, Yong Gao, Prashant Mandal, Min Fang, Zhiying Tu, Yingping Huang\*, Integrating Water Flow, Locomotor Performance and Respiration of Chinese Sturgeon during Multiple Fatigue-Recovery Cycles, PLOS ONE, 2014

[2] Tao Xu, Yingping Huang\*, Jun Chen, Metal Distribution in the Tissues of Two Benthic Fish from Paddy Fields in the Middle Reach of the Yangtze River, Bull Environ Contam Toxicol, 2014

[3] Lu Cai, Guoyong Liu, Rachel Taupier, Min Fang, David Johnson, Zhiying Tu, Yingping Huang\*, Effect of temperature on swimming performance of juvenile Schizothorax prenanti, Fish Physiology and Biochemistry, 2014





[4]Cai Lu, Fang Ming, David Johnson, Shaoming Lin, Zhiying Tu, Guoyong Liu, Yingping Huang\*, Interrelationships between feeding, food deprivation and swimming performance in juvenile grass carp, *Aquat Biol*, 2014

[5]Haobo Hou, Xiaoxing Wang, Chuncheng Chen, David M. Johnson, Yanfen Fang, Yingping Huang\*, Mechanism of photocatalytic oxidation of guanine by BiOBr under UV irradiation, *Catalysis Communications*, 2014

[6]Shu-lian Wang, Ling-li Wang, Wan-hong Ma, David M. Johnson, Yan-fen Fang, Man-ke Jia, Ying-ping Huang\*, Moderate valence band of bismuth oxyhalides (BiOXs, X=Cl, Br, I) for the best photocatalytic degradation efficiency of MC-LR, *Chemical Engineering Journal*, 2015

[7]Yanfen Fang, Yu Zhang, Wanhong Ma, David M. Johnson, Ying-ping Huang\*, Degradation of Microcystin-LR in water: Hydrolysis of peptide bonds catalyzed by maghemite under visible light, *Applied Catalysis B: Environmental*, 2014

[8]Shulian Wang, Wanhong Ma, Yanfen Fang, Manke Jia, Yingping Huang\*, Bismuth oxybromide promoted detoxification of cylindrospermopsin under UV and visible light illumination, *Applied Catalysis B: Environmental*, 2014

[9]Yan-Fen Fang, Wan-Hong Ma, Ying-Ping Huang\*, Gen-Wei Cheng, Exploring the Reactivity of Multicomponent Photocatalysts: Insight into the Complex Valence Band of BiOBr, *Chem. Eur. J.*, 2013

[10]Liu Shuan, Zhao Xiaorong, Sun Huyuan, Li Ruiping, Fang Yanfeng, Huang Yingping\*, The degradation of tetracycline in a photoelectro-Fenton system, *Chemical Engineering Journal*, 2013

[11]Lu Cai, Rachel Taupier, David M. Johnson, Zhiying Tu, Guoyong Liu, Yingping Huang\*, Swimming Capability and Swimming Behavior of Juvenile *Acipenser schrenckii*, *J. Exp. Zool.*, 2013

[12]Fang Yanfen, Huang Yingping\*, Yang Jing, Wang Pan, Cheng Genwei, Unique Ability of BiOBr To Decarboxylate D-Glu and D-MeAsp in the Photocatalytic Degradation of Microcystin-LR in Water, *Environmental Science & Technology*, 2011

#### **5. Published Books (since 2011):**

[1]Zhang Huashan, Wang Hong, Zhao Yuanyuan. Huang Yingping (Engaged in writing), *Molecular Probe and Detection Reagent*, Science Press, 2002

[2]Huang Yingping, *Experimental Textbook for Chemistry Innovation*, Huazhong Normal University Press, 2010

[3]Huang Yingping, *Experiment of Environment Analysis (Chinese-English bilingual textbook)*, Huazhong Normal University Press, 2011

[4]Huang Yingping, *Analysis on Chemistry Experiment (Chinese-English bilingual textbook)*, Huazhong Normal University Press, 2012

#### **6. Research Projects (since 2011)**

(1)2012-2015, Huang Yingping/Liu Liming, Jia Manke, Guyan, Fang Yanfen, Research on Inorganic Waterproof Technology for Foamed Gypsum and Retarder Specially for Gypsum, 863 sub-projects

(2)2013-2015, Huang Yingping/Zhang Liping, Xu Tao, Guyan, Luo Yuhong(2013.1-2015.12), Synthesized Demonstration of Rural Potable Water Guarantee Technology in Military Region, Fund Transfer of Scientific and Technological Achievements in Agriculture

(3)2012-2015, Huang Yingping/Li Ruiping, Guyan, Wang Jianzhu, Luo Huajun, Research and Demonstration of Comprehensive Treatment of Small Watershed Phosphorus Pollution in Reservoir Area and Water Bloom Control, National special water project

(4)2014-2018, Huang Yingping/ Li Ruiping, Luo Guangfu, Fang Yanfen, New Approach of Producing Hydroxyl Radical Degradation Organic Pollutant by Activated Molecule of Visible Light, Surface project of National Natural Science Foundation of China

(5)2012-2015, Huang Yingping/Luo Guangfu, Guyan, Fang Yanfen, Research on Photochemical Oxidation Mechanism of Microcystic Toxins, Surface project of National Natural Science Foundation of China

**7. Honors and Awards(since 2011):**

(1)2013, Effect of Reservoir Regulation on the Ecological System in Downstream River Channel and the Eco-Friendly Regulation, Second prize of Dayu Hydro Science Technology Award

(2)2013, Research and Demonstration of Ecological Protective Technique and Pollution Reduction and Prevention in Hydro-fluctuation Belt in Typical Tributary of the Three Gorges Reservoir Region, First prize of Yichang Scientific and Technological Progress

(3)2014, Water Bloom Mechanism and Prevention and Control Technology on the Tributary of the Three Gorges Reservoir, First prize of Hubei Scientific and Technological Progress

(4)2014, Key Technology and Application of New Type Efficient Slow-release Urea Production, First prize of Yichang Scientific and Technological Progress

**8. Membership of Professional Bodies:**

(1)Managing Director of Hubei Provincial Chemistry and Chemical Engineering Society

(2)Vice Chairman of Hubei Provincial Chemistry and Chemical Engineering Specialized Committee

(3)Director of Environmental and Ecological Restoration Specialized Committee of Hubei Society for Environmental Sciences

(4)Vice Chairman of Analytic Chemistry Specialized Committee of Hubei Provincial Chemistry and Chemical Engineering Society

## Prof. Liu Defu

**Date of Birth:** September 1962

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**Job Title:** Professor

### 1. Education:

(1)1978-1982: Bachelor of Hydraulics, Gezhouba Institute of Hydroelectric Engineering

(2)1984-1987: Master Degree of Hydraulic Structure, Hohai University

(3)1992-1997: PhD of Hydraulic Structure, Wuhan University of Hydraulic & Electric Engineering (Yichang)

### 2. Professional Experiences:

(1)1998, served as vice-president, professor and doctoral candidate supervisor of Wuhan University of Hydraulic & Electric Engineering (Yichang)

(2) 2001, served as president and deputy secretary of China Three Gorges University, and the doctoral candidate supervisor of Wuhan University and Dalian University of Technology

(3) July 2011-current, served as the president of Hubei University of Technology, and the doctoral candidate supervisor of Wuhan University

### 3. Research Directions:

(1) Accumulative Effect and Its Control of Cascade Reservoir Environment

(2) Optimal Operation of Cascade Reservoir Environment

(3) Biology Passing Dam technology

(4) Environmental Problems and Ecological Restoration of Rivers and Lakes

### 4. Published Papers (since 2011):

[1]Liu Liu, Liu Defu, Johnson David, Effects of vertical mixing on phytoplankton blooms in Xiangxi Bay of Three Gorges Reservoir: implications for management, Water research, 2012

[2]Yang Zhengjian, Liu Defu, Ji Daobin, An eco-environmental friendly operation: An effective method to mitigate the harmful blooms in the tributary bays of Three Gorges Reservoir, Sci China Tech Sci, 2013

[3] Zhang Yu, Liu Defu, Ji Daobin, The Impacts of the Stratified Density Currents on Supply Pattern of Main Nutrients in Xiangxi River, Environmental science, 2012

[4]Yao Xujiao, Liu Defu, Yang Zhengjian, Preliminary Studies on the Mechanism of Winter Dinoflagellate Bloom in the Xiangxi Bay of the Three Gorges Reservoir, Research of Environmental Sciences, 2012

[5] Tian Zebin, Liu Defu, Yang Zhengjian, Cyanobacterial Xiangxi Bay, Three Gorges Reservoir, China Environmental Science, 2012



[6]Fang, Xiaofeng, Zhengjian Yang, Daobin Ji,Responses of spring phytoplankton communities to their habitats in the Xiangxi Bay of Three Gorges Reservoir, China ,Acta Ecologica Sinica, 2013

[7]Xiao, Shangbin, Defu Liu, Temporal variation of methane flux from Xiangxi Bay of the Three Gorges Reservoir, Scientific reports, 2013

[8]Xiao, Shangbin, Wang Yuchun ,Liu Defu,Diel and seasonal variation of methane and carbon dioxide fluxes at Site Guojiaba, the Three Gorges Reservoir,Journal of Environmental Sciences, 2013

**5. Published Books (since 2011):**

Liu Defu, Huang Yuling, Ji Daobin, Yang Zhengjian,Water Bloom and Ecologic Regulation on the Tributary of the Three Gorges Reservoir, China WaterPower Press, 2013

**6. Research Projects (since 2011):**

(1) 2013, Xingshan Co Follow-up Work of The Three Gorgeson: Feasibility Study on Parts of Projects of Ecological Environment Construction and Protection , Liu Defu

(2) 2014-2016, Combined Dispatching Technology Research and Demonstration of Reservoir Groups Controlled by Water Bloom in Tributary of the Three Gorges Reservoir, Liu Defu

(3) 2014-2016, Habitat Evolvement Mechanism and Water Bloom Prediction of Phytoplankton in the Three Gorges Reservoir, Liu Defu

(4) 2015-2018, Water Mechanism of Channel Reservoir and Cooperative Study on Prevention and Control Technology, Liu Defu

**7. Honors and Awards (since 2011):**

(1)Simulation and Regulation on Ecological Environmental Effect in Water Resources and Hydropower Engineering, Second prize of Ministry of Education,2014

(2) Water Bloom Mechanism and Prevention and Control Technology on the Tributary of the Three Gorges Reservoir (First prize of Hubei Scientific and Technological Progress,2014

**8. Membership of Professional Bodies:**

(1)Vice Chairman of Ground Specialized Committee of Chinese Society for Rock Mechanics and Engineering(Hubei)

(2)Editorial Board Member of Engineering Mechanics

(3)Managing Director of Chinese Hydraulic Engineering Society

(4)Vice Chairman of Hubei Hydraulic Engineering Society and Hubei Society for Hydropower Engineering

(5)Chairman of Advisory Committee of Yichang Government

(6)Director of Engineering Center of Ecotope Education Department of the Three Gorges Reservoir

## Prof. Zhou Yihong

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) September 1984-July 1988: Bachelor Degree in Water Resources and Hydropower Engineering, Wuhan University of Hydraulic & Electric Engineering

(2) September 1988-July 1990: Master Degree in Hydraulic Structure Engineering, Wuhan University of Hydraulic & Electric Engineering

(3) September 1990-July 1995: PhD in Hydraulic Structure Engineering, Wuhan University of Hydraulic & Electric Engineering

### 2. Professional Experiences:

(1) June 1995-June 2008: State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan University, professor, doctoral supervisor

(2) June 2007-now: College of Hydraulic & Environmental Engineering, CTGU, professor, doctoral supervisor, dean

### 3. Research Directions:

- (1) Construction of Water Conservancy Project
- (2) Hydraulics and River Dynamics
- (3) Concrete Dam Analogue Simulation

### 4. Published Papers(since 2011):

[1] Huang Yaoying, Zheng Hong, Zhou Yihong, *Study of Thermal Stress for Mass Concrete Considering Concrete Age and Elastic-plasticity Creep*, Journal of Sichuan University(Engineering Science Edition), 2011

[2] Huang Yaoying, Zhou Yihong, Zhou Jianbing, *Pipe Cooling Heat Transfer Calculation Model Energy Analysis*, Journal of Marine Traffic Engineering, 2012

### 5. Published Books(since 2011):

- [1] Zhou Yihong, *Water Resources and Hydropower Engineering Construction Supervision*, 2004

### 6. Research Projects(since 2011):

(1) 2011-2013, Based on the temperature field and the coupling of the concrete dam construction process simulation model and optimization, the National Natural Science Fund Projects, Zhou Yihong

(2) 2010-2012, Intelligent roller compacted concrete dam construction simulation mechanism



and allocation of resources and production scheduling optimization, YouthFund Project of National Natural Science Fund, Zhao Chunjun/Zhou Yihong

**7. Honors and Awards(since 2011):**

- (1) Second Prize of National Excellent Teaching Achievements, 3 items
- (2) First Prize of Provincial Excellent Teaching Results, 3 items
- (3) Second Prize of Provincial Excellent Teaching Results, 1 item
- (4) Second Prize of National Scientific and Technological Progress Awards, 1 item
- (5) Special Award of Provincial Science and Technology Progress Prize, 1 item
- (6) First Prize of Provincial Science and Technology Progress Prize, 2 items
- (7) Second Prize of Provincial Science and Technology Progress Prize, 1 item

## Prof. Dong Xiaohua

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) February 2014-April 2014: Training class (65<sup>th</sup> session) for cadres from Institution of Higher Learning in Ministry of Education Middle-of-south Educational Administration Cadre Training Center

(2) July 2012-July 2012: HKU SPACE (School of Professional and Continuing Education, The University of Hong Kong)

(3) July 2011-July 2011: 2001 Advanced Study and Training Class for In-service Teachers, Institute of Hydrology and Water Resource of HHU

(4) March 2006-March 2008: Enterprise Post-doctoral, China Three Gorges Project Corporation Postdoctoral Station, Wuhan University Water Conservancy Project Postdoctoral Station

(5) January 2001-August 2005: Doctoral Candidate, University of Twente, Water Conservancy Project Engineering

(6) July 1993-June 1996: Master's Degree, Light Industrial Machinery major, Department of Mechanics, Hubei Engineering College

(7) September 1989-June 1993: Bachelor's Degree, Light Industrial Machinery major, Department of Mechanics, Hubei Engineering College

### 2. Professional Experiences:

(1) January 2010 - now: Dean, College of Hydraulic & Environmental Engineering, China Three Gorges University

(2) September 2005-December 2009: , Assistant of the Dean, Department Head, College of Civil and Hydroelectric Engineering, China Three Gorges University

(3) July 1996-December 2000: Lecturer, Deputy Dean, College of Mechanical and Material Engineering, China Three Gorges University

### 3. Research Directions:

(1) Ecological Hydrology

(2) Hydrologic Forecasting

(3) Reservoir Optimal Operation

### 4. Published Papers (since 2011):

[1] Dong Xiaohua, Yu Dan, Liu Chao, Li Lei, Song Sanhong, Lv Zhixiang, *Visual and Modularized Simulation of Surface Flow Concentration Processes Based on Simulink*, Journal of System Simulation, 2013.



[2]Dong Xiaohua,Yu Dan, Liu Chao, Li Lei,Song Sanhong,Lv Zhixiang, *Application of Artificial Neural Networks in Runoff Forecasting Based on Mean Linear Particle Swarm Optimization Method*, Journal of China Hydrology, 2013.

[3]YU Dan, DONG Xiaohua, LI Lei, WANG Jiancheng, LI Zhonghua, *A comparison of multi-gage and single-gage calibration of the SWAT model for runoff simulation in Qingjiang river basin*, Water Resources and power, 2014

[4]LI Lei, DONG Xiaohua, YU Dan, LIU Ji, ZHOU Qingping, *Study on runoff simulations on Qingjiang River Basin by SWAT model*, Yangtze River, 2013

[5]LIU Ji ,DONG Xiao hua , LI Ying hai. *Uncertainty Analysis of Monthly Water Balance Model Based on MOMM-GLUE Algorithm*, Water Resources and Power,2011

[6]BO Huijuan , DONG Xiaohua , DENG Xia. *On the stage of the Three Gorges Reservoir flood method*. YELLOW RIVER, 2011

[7]BO Huijuan , DONG Xiaohua , DENG Xia. *Application of Dynamic Control of Flood Control Water Level to Three Gorges Reservoir*. Water Resources and Power, 2011

#### **5. Published Books(since 2011):**

Dong Xiaohua.*Appropriate Flow Forecasting for Reservoir Operation*, PrintPartners Ipskamp BV, Enschede, the Netherlands, 2005

#### **6. Research Projects (since 2011):**

(1)2013-2015, Research on flood probability forecast method in compound river channel of the Huaihe River, the 12<sup>th</sup> Five-Year Plan Public Welfare Industry Special Fund Project Ministry of Water Resources

(2)2012-2015, “Three Gorges reservoir ecological hydrology and water resources project construction” Water Resources Security Collaborative Innovation Center in Hubei province, Hubei Provincial Department of Education

(3)2012, Decision platform software system test for joint dispatching of giant reservoir group, China Three Gorges Group

(4)2011-2012, Compiled *Assessment Procedures for Environmental Impact of Small Hydropower Planning*, Institute of Rural Electrification Ministry of Water Resources

(5)2013, the follow-up work in the Three Gorges: the preliminary design of flood control project in Xujiachong area, Taipingxi town, Yiling district, Xujiachong area, Taipingxi Town, Yiling district Yichang city

(6)2012-2013, the follow-up work in the Three Gorges: project feasibility study on flood control project in Xujiachong area, Taipingxi town, Yiling district, Yangtze River Engineering Supervision Consulting co., Ltd (Hubei)

#### **7. Honors and Awards (since 2011):**

(1)2014, Hydrology and water resources engineering personnel training mode research and practice based on engineering practice and innovation ability training, the first prize in the 7th Three Gorges University Teaching Achievement Prizes in 2014

(2)2013, Research on Optimal Dispatching Methods in the Middle Stage of the Three Gorges Reservoir and the Incoming Runoff Forecast Efficiency, the 2<sup>nd</sup> Youth Harnessing the Huaihe River BBS, Excellent Paper, 2013

(3)Educational reform research and practice in water conservancy related majors based on the



engineering ability training, the first prize of Hubei Teaching Achievements, 2013

(4)Curriculum reform and practice in water resources and hydropower engineering based on the three-dimensional teaching resources, second prize of CTGU teaching achievement prize, 2012

**8. Membership of Professional Bodies:**

(1)Water resources security committee director of the center for collaborative innovation in Hubei province, vice director, the Three Gorges Reservoir ecological hydrology and water resource research team, person in charge

(2)The Ministry of Education water conservancy related engineering teaching steering committee hydrology and water resources engineering construction steering group, committee member

(3)International Association of Hydrological Sciences, member

## Prof. Guo Qi

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**Job Title:** Professor

### 1. Education:

(1) September 1980.-July 1984, Bachelor's Degree of Water Conservancy and Hydropower Engineering, Gezhouba Institute of Hydroelectric Engineering

(2) September 1999-June 2001, Master's Degree of Management Science and Engineering, Wuhan University

(3) September 2008-December 2011, Doctor's Degree of Management Science and Engineering, Wuhan University of Technology

### 2. Professional Experiences:

(1) July 1984-November 1987, Teacher, College of Water Conservancy Engineering, Gezhouba Institute of Hydroelectric Engineering

(2) November 1987-May 2001, Head of the Teaching and Research Section, Deputy Head of Department, Deputy Dean, Faculty of Management of Wuhan University of Hydraulic and Electric Engineering, Yichang

(3) May 2001-December 2009, Chief Economist, Deputy Dean, Secretary of the Party Committee, Campus Construction Office and Economics and Management College of China Three Gorges University

(4) December 2009-December 2013, Secretary of the Party Committee, College of Hydraulic & Environmental Engineering, China Three Gorges University

(5) December 2013 - now, Department Director of Party Committee Research Department, Graduate School of China Three Gorges University

### 3. Research Directions:

(1) Investment Control of Hydropower Engineering

(2) Evaluation and Risk Research of Water Conservancy Project

### 4. Published Papers (since 2011):

[1] Guoqi 1/3, Research on Adverse Selection of BT Project Based on Signaling Game Model  
Energy Education Science and Technology, 2014

[2] Guo Qi 1/2, *Evaluation Method of EPC Contracting Based on Cloud Model and Gray Relational Degree*, Hydroelectric Generation, 2014

[3] Guo Qi 1/2, *Analysis on Surface under EPC General Contract Mode*, Project Management Technique, 2014

[4] Guo Qi 1/2, *Reservoir Region Immigration Risk Assessment Based on AHP Fuzzy Comprehensive Evaluation Method*, Yangtze River, 2014



[5]Guo Qi 1/3, *Study on Several Kinds of Scale in Analytic Network Process*, WaterSaving Irrigation, 2014

[6]Guo Qi 1/3, *Project Schedule Risk Analysis Based on Monte Carlo Simulation of project network planning*, Project Management Technology, 2013

[7]Guo Qi 1/2, *Optimization on Reservoir Immigrants' Production and Settlement Based on ANP Method*, Water Resources and Power, 2013

[8]Guo Qi 1/3, *Combination Forecasting Model of Manufacturing Energy Consumption in Inner Mongolia*, Water Resources and Power, 2012

**5. Published Books (since 2011):**

[1]Guo Qi 1/4, *Hydropower Project Cost Guidelines (Basis volume)*, China Water & Power Press, 2010

**6. Research Projects (since 2011)**

(1)2014-2015, Research on quota establishment method in hydropower construction project

(2)2013-2014, Research on hydropower immigration project organization and design

(3)2012-2013, Land acquisition and resettlement investment estimate adjustment report during Pubugou Dam construction

**7. Membership of Professional Bodies:**

(1)Member of Chinese Management Science and Engineering Institute

(2) Committee member of Chinese Hydropower Engineering Institute Project Cost Special Committee

## Prof. Tong Fuguo

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**Faculty:** College of Hydraulic  
& Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) September 1993 to June 1997,  
Bachelor's Degree, Gezhouba Institute of  
Hydropower Electric Engineering

(2) September 2002 to June 2004,  
Master's Degree, China Three Gorges University

(3) January 2007 to March 2010, Doctor's Degree, Royal Institute of Technology, Sweden

(4) November 2010 to December 2012, Post-doctoral, Uppsala University, Sweden

### 2. Professional Experiences:

(1) June 1997 to September 2002, Teaching Assistant, China Three Gorges University

(2) October 2002 to January 2007, Lecturer, China Three Gorges University

(3) October 2009 to April 2011, Associate Professor, China Three Gorges University

(4) May 2011 - now, Professor, China Three Gorges University

### 3. Research Directions:

(1) Hydraulic Structure Engineering

(2) Multi-field Coupling of Geotechnical Engineering

(3) Computational Fluid Mechanics

### 4. Published Papers(since 2011):

[1] Tong FG, Jing L, Tian B, A Water Retention Curve Model for the Simulation of Coupled Thermo-Hydro-Mechanical Processes in Geological Porous Media, Transport in Porous Media, 2012

[2] Tong FG, Auli Niemi, Zhibing. Yang, A Numerical Model of Tracer Transport in a Non-isothermal Two-Phase Flow System for CO<sub>2</sub> Geological Storage Characterization, Transport in Porous Media, 2013

### 5. Published Books (since 2011):

(1) Fuguo Tong, Numerical modeling of coupled thermo-hydro-mechanical processes in geological porous media, Royal Institute of Technology, 2010

### 6. Research Projects (since 2011)

(1) 2013-2016, Mechanism Research of the Landslide Caused By Rainfall Based on Multiphase Flow and Multifield Coupling, Natural Science Foundation of China

(2) 2011-2013, Geomechanics and Disaster-causing Mechanism Research of the Landslide Caused by Intense Fall, Major Project of the Ministry of Education of China

(3) 2010-2013, A Multiple space and time scale approach for the quantification of deep saline formations for CO<sub>2</sub> storage, European Commission Fund



## Prof. Wang Congfeng

**Date of Birth :** December 1972

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### **1. Education:**

(1)September 1992-June 1996, Bachelor's Degree  
Gezhouba Institute of Hydroelectric Engineering

(2)September 2000 - July 2003, Master's Degree,  
Wuhan University

(3)September 2003 - December2005, Doctor's Degree, Wuhan University

### **2. Professional Experiences:**

June 1996 - now: Teacher, China Three Gorges University

### **3. Research Directions:**

(1) Ecological Water Conservancy

(2) Fish Passage Structure and Monitoring

### **4. Published Papers (since 2011):**

[1]Hydro-acoustic Investigation and Assessment on Fishes in the Near Downstream of Gezhouba Dam, Resources and Environment in the Yangtza Basin, 2014

[2]Fish Assemblages under Different Running Status of the No.1 Ship Lock of the Gezhouba Dam, Journal of Hydroecology, 2014

[3]Tagging Techniques for Release and Enhancement of Fish in Beipan River Basin, Chinese Journal of Fisheries, 2014

[4]Comparative Study of Burst Swimming Speed of Black Carp, Grass Carp, Silver Carp and Bighead Carp in Songhuajiang River Basin, Ecological Science, 2014

[5]Comparative Study of Swimming Capability of the Typical Fish from Songhua River Basin, Journal of China Three Gorges University (Natural Sciences), 2014

[6]Study on Burst Swimming Speeds of Two Typical Releasing Fish from Beipan River, South China Fisheries Science, 2014

[7]Numerical Simulation of Hydraulic Characteristics of Fishway in Xinglong Hydro-junction Project, Advances in Science and Technology of Water Resources, 2013

[8]Study on Numerical Simulation of Hydraulic Characteristics of Transverse Diaphragm Plate Fishway, Water Resources and Power, 2012

### **5. Published Books (since 2011):**

Quality Management and Control of Water Conservancy and Hydropower Engineering, 2011

### **6. Main Research Projects (since 2011):**

(1)February 2012-December 2012, Fish Pass Capacity and Its Improvement Measures of Mid and Low Head Hydro-junction Ship Lock, National Funds for Public Benefits



(2)January 2014-December 2016, Water Environment Analysis of Three Gorges Reservoir Region and Its Tributaries, National Science and Technology Major Project

(3)January 2013-December 2015, Medium and Long Term Research of Discharge Objects of Fish Breeding Discharge Station on Beipanjiang River of Guizhou Province, Horizontal Project

(4)January 2013-December 2014, Construction and Research of the Discharged Flow Online Monitoring System of Beipanjiang Dongjing Hydropower Station, Horizontal Project

(5)January 2014-December 2016, Construction and Research of the Discharged Flow Online Monitoring System of Mamaya Level 1 Hydropower Station, Horizontal Project

**7. Honors and Awards (since 2011):**

2006, Temperature Field of Closure of Arch Dam and Temperature Controlling Optimization Theory and Practice

## Prof. Xiao Shangbin

**Date of Birth:** September 1970

**E-mail:** shangbinx@163.com

**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) September 1989-July 1993, bachelor's degree of Mineral Resource Prospecting and Exploration, China University of Petroleum (East China)

(2) September 1996 - March 1999, master's degree of Mineralogy, Petrology and Mineral Deposits, China University of Petroleum (East China)

(3) September 2001- July 2004, doctor's degree of Marine Geology, Institute of Oceanology, Chinese Academy of Sciences

(4) September 2013- July 2014, research of Environmental Sciences, visiting scholar of Bryant University, USA

### 2. Professional Experiences:

July 1993- August 2001, Teaching Assistant, Lecturer, China University of Petroleum (East China)

September 2004 - June 2006, Post-doctoral Research, South China Sea Institute of Oceanology, Chinese Academy of Sciences

June 2006- now, Professor, China Three Gorges University

September 2008-June 2010, Post-doctoral Research, Institute of Earth Environment, Chinese Academy of Sciences

### 3. Research Directions:

(1) Environmental Sciences

(2) Sedimentology

### 4. Main Published Papers (since 2011):

[1] Methane formation and consumption processes in Xiangxi Bay of the Three Gorges Reservoir. Sci. Rep. 4. 2014. (SCI)

[2] Phosphorus Fractions and Its Summer Release Flux from Sediment in the China's Three Gorges Reservoir. Journal of Environmental Informatics, 2014. (SCI)

[3] Detecting Sedimentary Cycles Using Autocorrelation of Grain Size. Scientific Reports 3; doi:10.1038/srep01653.(SCI)

[4] Temporal Variation of Methane Flux from Xiangxi Bay of the Three Gorges Reservoir. Scientific Reports 3, doi:10.1038/srep02500. 2013. (SCI)

[5] Diel and Seasonal Variation of Methane and Carbon Dioxide Fluxes at Site Guojiaba, the Three Gorges Reservoir. Journal of Environmental Sciences. 2013. (SCI)

[6] Gas Transfer Velocities of Methane and Carbon Dioxide in a Subtropical Shallow Pond. Tellus B 66, 23795, <http://dx.doi.org/23710.23402/tellusb.v23766.23795>. 2014. (SCI)



**5. Major Projects(since 2011) :**

[1] 2015-2016, Generation Mechanism of Methane and Research Utilization of Resources in Qianshuitang Reservoir of Hubei Province, Natural Science Foundation of Hubei Province

[2] 2013-2016, Mechanism Research of Carbon Emission in the Three Gorges Reservoir Region, Natural Science Foundation of China

[3] 2012, Sequence and Evolution of 4th Strata of Wuhan Urban Agglomeration, Horizontal Project

[4] 2009-2012, Research and Appraisal of Pollution Source in Reservoir Region and Evaluation Research of Hydrodynamics, Special Project of Water Resources

**6. Honors and Awards (since 2011):**

K. C. Wong Post-doctoral Reward Fund of Chinese Academy of Sciences, 2004



## Prof. Zheng Xiazhong

**Date of Birth:** November 1963

**E-mail:** zhengxz@126.com

**Phone:** 07176392308

**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor

### 1. Education:

(1) October 1982 - June 1986, undergraduate in Department of Physics, Central China Normal University

(2) September 2000 - June 2002, master in management science and engineering, Business School, Wuhan University

(3) March 2009- December 2011, PhD. candidate in Management Science and Engineering Risk and Emergency Management, School of Management, Wuhan University of Technology

### 2. Professional Experiences:

(1) June 1986 to May 1996, Gezhouba Institute of Hydroelectric Engineering, teacher

(2) May 1996 to September 2000, Wuhan University of Hydraulic & Electric Engineering (Yichang), teacher

(3) September 2000 to now, China Three Gorges University, teacher

### 3. Research Directions:

(1) Hydroelectric Engineering Construction Management

(2) Hydroelectric Engineering Security Management

(3) Information Management

### 4. Main Published Papers (since 2011):

[1] Research on Optimization of Safety Management Organization Structure of Construction Enterprises Based on Order Degree Evaluation, China Safety Science Journal, 2013

[2] Application of Safety Culture Maturity Model in Construction Enterprises, China Safety Science Journal, 2011

[3] Safety Assessment Method for Hydropower Construction Based on Rough Set, China Safety Science Journal, 2011

[4] Analysis on the Constituent Elements of Emergency Execution Based on Hydropower Project, Journal of Safety Science and Technology, 2011

[5] SEM Model of Hydropower High-risk Operation on Affecting Factors, Journal of Safety Science and Technology, 2014

[6] Safety Entropy Evaluation of Hydropower Construction Based on Euclid, China Safety Science Journal, 2014

[7] Research on Dynamic Coordination Mechanism of Concession Price and Concession Period in BOT Project, Construction Economics, 2014

### 5. Major Research Projects (since 2011):



[1] 2014, Reversion of Technical Specification for Safety of Installation of Mechanical and Electrical Equipment of Hydraulic and Hydroelectric Engineering, Ministry of Water Resources

[2] 2014, Paradigm research on network behavior of accident development in hydropower construction, Natural Science Foundation of China

[3] 2013, Management system specially on safety facilities acceptance of hydraulic construction project, Ministry of Water Resources

[4] 2012, Technical code of safety and protection for water conservancy construction engineering, Ministry of Water Resources

[5] 2011, Inspection Standards of Safety Production and Supervision for Hydraulic Construction Operation, Ministry of Water Resources

[6] 2012, Evaluation Research on safety production for hydraulic engineering, Ministry of Water Resources

[7] 2014, Construction engineering of fish container system in level one hydropower station of Mama cliff, Beipan River, Guizhou, Horizontal large project

#### **6. Awards and Honors (since 2011):**

(1) 2011, Information research on general information management for construction enterprise (Provincial Third Prize)

(2) 2013, Major accidents control and key technologies of emergency rescue for extra large construction of hydraulic engineering (Provincial first prize)

(3) 2013, Research and application on safety production and key technologies for emergency of extra large hydraulic and hydropower engineering (Provincial second prize) Profiles of Doctoral Supervisors of

## Prof. Shi Xiaotao

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**Faculty:** College of Hydraulic & Environmental Engineering

**Job Title:** Professor



He is the Director of Technology and Research Centre for Fish Passage of China Three Gorges University. Dr. Shi is Ecological Council Member of Hubei Province, academic pace-setter of China Three Gorges University, top-notch young talent of China Three Gorges University, New Century Three-tier talent of Hubei Province and Young Talent of Morning Light Program of Hubei Province. Dr. Shi has great experiences in fish behavior and fishway design with extensive international collaboration. His research aim is to develop fish passage technique, with emphasis on fish behavior and hydraulics, his team cover technology for fish passing over dam, fish behavioral ecology, fish-passing facilities design, hydraulics, computer and research on sound, light and electricity.

On the basis of Hydraulic Engineering, Hydrology and Water Resources, Ecology, Environment Engineering, Computer Science, and Statistics etc., Technology and Research Centre for Fish Passage of China Three Gorges University aims to provide supports for sustainable development of water resources and hydropower. In demand of sustainable development of hydropower worldwide, we are striving to become the research, development and outreach centre as well as the base of training for fishway for China, covering the area from southwest China to southeast Asia, focusing on fish behavior-hydraulics -river connectivity restoration, The main research topics include:

1. Analysis on environment features of specific fish behavior, selection of characteristic index of fish behavior, experiment and method of fish behavior observation, behavior ecology, swimming ability and establishment of standard data base for 3-dimensional morphology etc.

2. Build the autonomous swimming ability testing system of fish and scientifically quantify the swimming ability of fish;

3. Design the fishway facilities according to the ecological habits of fish and features of dam project and put forward the best fishway interior hydraulic design method coupling fish behavior features and hydraulic design and method for site selection of fishway entrance;

4. Exploring and verifying the method for fish passing over the dam both theoretically and practically through fish collection and transportation system, fish lift, combined-type fishway, culvert fishway, turbine, spillway, natural bypass and fish guidance system.

5. Establish the assessment indicator system and evaluation methods for fish passage, develop the fish passage assessment and question-solved technology;

6. Discover the flight response mechanism towards water flow, sound, light, air curtain and develop behavior-oriented technology of fish;

7. Develop emulation technique of virtual fish group passing over dam and establish design of facilities for fish passing over dam and related assessment methods.

## Prof. Li Xianshan

**Date of Birth:** October 8, 1964

**E-mail:** lixianshan@ctgu.edu.cn

**Telephone:** 0717-6392631

**Faculty:** College of Electrical Engineering & New Energy

**Job Title:** Professor

### 1. Education:

September, 1983--July, 1987: Huazhong Institute of Technology, Bachelor of Power System and Its Automation

September, 1987--January, 1990: Beijing Graduate Division of North China Electrical Power Institute, Master of Power System and Its Automation

February, 2001-- December, 2003: Blaise Pascal University, France, PhD of Electronics and Systems

### 2. Professional Experiences:

March, 1990--July, 1996: worked in Gezhouba Hydropower Engineering College

July, 1996--June, 2000: worked in Wuhan Hydraulic & Electric University at Yichang

July, 2000--now, January, 2000 to now: worked in China Three Gorges University

### 3. Research Directions:

Operation and Control of Micro-grid

Operation and Control of Power Systems

Simulation of Hydropower Plant

### 4. Published Papers (since 2011):

[1] YANG Fuyu, LI Xianshan HU Wenbin, Research and Development of Hydropower Station Relay Protection Visualization Automatic Setting Calculation Software, China Water Power & Electrification, No.6, Jun.. 2013.

[2] LI Xianshan, WANG Zhufeng, WANG Xiaojian, YU Ming, Research on the Protection Setting and Coordination for Complex Auxiliary Power Supply of Hydropower Station, Hydropower Automation and Dam Monitoring, Vol. 35, No. 6, Dec. 20, 2011.

[3] LI Xianshan, XU Hao, DU Yulong, Maximum Power Tracking of Wind Power Generation System Using the Combination of Tip Speed Ratio Method and Climbing Search Method, Power System Protection and Control, Vol. 43 No. 13, Jul. 1, 2015.

[4] TIAN Hui-wen, LI Xian-shan, CHEN Tie, TAN Si, Comprehensive control strategy of hybrid energy storage-based photovoltaic island microgrid, Power System Protection and Control, Vol. 42 No. 19, Oct. 1, 2014.

### 5. Research Projects (since 2011)

(1) 2013-2016, LI Xianshan, LIU Pei, HUANG Jingguang, CHEN Tie, Studies of Load Supporting Strategy for Islanded Micro-grid against Blackouts, Surface Project of National Natural Science Foundation of China.

(2) 2012-2015, LI Xianshan, HU Xiangyong, ZHOU Yunhai, Optimization Technology for the Combined Operation of Large Scale Wind Power and Pumped Storage Power Station in Power Grid,



863 subprojects.

(3) 2011, LI Xianshan, CHEN Tie, ZHANG Binqiao, WANG Changlin, LI Wenwu, Project of LONGTAN Hydropower Station Training Simulator, LongTan Hydropower Development Co., Ltd.

(4) 2011, LI Xianshan, ZHONG Hao, CHEN Tie, Protection Coordination Study of China Three Gorges Hydropower Plant, China Yangtze Power Co., Ltd.

**6. Honors and Awards (since 2011):**

(1) National excellent teacher

(2) Third Prize of Award of Science Technology of Hydraulic Power Generation

(3) First Prize of Provincial Excellent Teaching Results, 3items.

## Prof. Zhang Guodong

**Date of Birth:** July 1968

**E-mail:** zgd@ctgu.edu.cn

**Phone:** 07176392217

**Faculty:** College of Civil  
Engineering & Architecture

**Job Title:** Professor

### **1. Education:**

September 1987-June 1991, bachelor's degree in  
Hydraulic and Hydro-Power Engineering, Gezhouba Institute of Hydroelectric Engineering  
September 1997-June 2000, master's degree in Structural Engineering, Wuhan University  
September 2000-June 2004, PhD. candidate in Geotechnical Engineering, Wuhan University

### **2. Professional Experiences:**

- (1) July 1991-June 2000, College of Architectural Engineering, Gezhouba Institute of Hydroelectric Engineering, Lecturer
- (2) July 2000-December 2009 College of Civil and Hydropower Engineering, China Three Gorges University, Associate Professor, Professor, Vice Director of College of Civil and Hydropower Engineering
- (3) January 2010-now, College of Civil Engineering and Architectural, China Three Gorges University, Professor, Doctoral Supervisor, Director of College of Civil Engineering and Architecture

### **3. Research Directions:**

- (1) Mechanism of Geological Disasters and Prevention Technology
- (2) Soil Mechanics Theory and Application
- (3) Numerical Simulation and Physical Simulation of Rock and Soil

### **4. Published Papers(since 2011):**

- (1) Effect of Permeability Coefficient of Reservoir Bank Slope on Pile Displacement and Ground Deformation, Applied Mechanics and Materials Vols. 275-277 pp 304-309, 2013.
- (2) Analysis of Deformation Mechanism Based on Monitoring Data, Journal of Hydraulic Engineering, 2014
- (3) Mechanical Behavior of Interface Between Soil-rock-mixture and Concrete by Shear Test in Three Gorges Reservoir Area, Water Resources and Hydropower Engineering, 2014
- (4) Seismic Response of Slope for the Different Boundary Condition and Seismic Wave, Journal of Vibration and Shock, 2011

### **5. Published Books (since 2011):**

Soil Mechanics, Peking University Press, 2012

### **6. Major Research Projects(since 2011):**

- (1) 2012-2014, Monitoring pre-warning system optimization and key technical research of monitoring and forecasting about significant and risky collapse landslide in Three Gorges Reservoir region, Innovation Group in Hubei Natural Science Fund
- (2) 2013-2016, Monitoring pre-warning system optimization and key technical research of monitoring and forecasting about significant and risky collapse landslide in Three Gorges Reservoir



region, Hubei Science and Technology Support Program

(3) 2014-2015, Investigation and evaluation for the impact of the daily water level decreasing amplitude in Three Gorges reservoir on the Geological Disaster Prevention Project, China Geological Monitoring Institute (major horizontal project)

**7. Rewards and Honors (since 2011):**

2012, Application research of interfering radar measurement technology in landslide deformation monitoring in Three Gorges Reservoir, first prize of Chinese institution of Rock Mechanics and Engineering,

**8. Membership of Professional Bodies:**

- (1) Committee member of Chinese Professional Committee of Hydraulics and Soil Mechanics
- (2) Executive director in Engineering Risk and Insurance Research Branch of China Civil Engineering Society
- (3) Director of Hubei Society of Rock Mechanics and Engineering
- (4) Director of Hubei Seismological Society

## Prof. Xu Wennian

**Date of Birth:** January 1960

**E-mail:** xwn@ctgu.edu.cn

**Phone:** 0717-6392088

**Faculty:** College of Civil Engineering & Architecture

**Job Title:** Professor

### 1. Education:

1) September 1978-June 1982, bachelor's degree in Mechanics, North China University of Water Resources and Electric Power

(2) September 1997-June 2000, master's degree, Department of Water Resources and Hydropower Institute of Hydraulic Engineering, Wuhan University

(3) June 2004-June 2007, doctor's degree, Department of Hydraulic Engineering Institute of Water Conservancy and Hydropower, Wuhan University

### 2. Professional Experiences:

(1) September 1997-May 2006, General Manager (professor level Senior Engineering) of China Three Gorges University Industrial Group.

(2) May 2006-March 2006, Party Secretary (Professor) of the Graduate School of China Three Gorges University

(3) March 2011 to now, Head (Professor) of Science and Technology Department of China Three Gorges University

### 3. Research Directions:

(1) Side Slope Ecological Protection : Ecological Environment Construction and Ecological Restoration

(2) Side Slope Ecological Protection: Basic Characteristics of Ecological Materials

(3) Side Slope Ecological Protection: Plant Consolidation of Earth and Anti-corrosion Mechanism

(4) Side Slope Ecological Protection: Characteristics of Ecological Restoration of Vegetation Communities and Its Succession

### 4. Main Published Papers (since 2011):

[1] Responses of Physiological Adaptability of *Vetiveria Zizanioides* on Alternating Flooding-Drought Stress, *Bulletin of Soil and Water Conservation*, 2014

[2] Using REE to Trace Sediment Source from Simulated Watershed in Three Gorges Reservoir Region, *Journal of Soil and Water Conservation*, 2014

[3] Effects of Soil Particle Composition on REE Adsorption Capacity and Erosion Tracing Precision, *Journal of China Rare Earths*, 2013

[4] Evolution of Soil Properties in Vegetation Restoration Process on Disturbed Slopes, *Bulletin of Soil and Water Conservation*, 2013

[5] Experimental Study on Freezing and Thawing Actions of Vegetation-growing Concrete Ecological Base Material, *Research of Soil and Water Conservation*, 2013





[6] Research on Adaptability of *Leucanea Leucocephala* under Different Soil Moisture Conditions, Research of Soil and Water Conservation, 2013

[7] Influence of Freezing Temperature on Frost Heave Characteristics of Vegetation Growing Bases of Concrete, Bulletin of Soil and Water Conservation, 2013

[8] Improvement Test on Frost Resistance of Vegetation-concrete and Engineering Application of Test Fruitage, Environmental Earth Sciences, 2013

[9] Differences on Soil Enzyme Activities of Different Textural Farmlands, Hubei Agricultural Sciences, 2013

[10] Slope Development of Tableland in the Holocene on the Chinese Loess Plateau, Journal of Food, Agriculture & Environment, 2012

[11] Preliminary Study of Relationship between Shallow Soil Reinforcement and Fractal Characteristic of Vegetation Roots in Biotechnical Slope Protection, Chinese Journal of Rock Mechanics and Engineering, 2011

[12] Chronofunctions of Heilu Soil Developed from Loess in Luochuan, on the Chinese Loess Plateau, REVISTA BRASILEIRA DE CIENCIA DO SOLO, 2011

[13] Ecological and Agricultural Construction Models in a Watershed on the Chinese Loess Plateau, SciVerse ScienceDirect, 2011.

[14] Research on Characteristics of Early Strength of Ecological Slope-protected Base Material of Vegetation-growing Concrete, Rock and Soil Mechanics, 2011

#### **5. Published Books(since 2011):**

(1) Theory and Practice of Vegetation Restoration Techniques Concrete Ecology, China Water & Power Press, 2012

(2) Holocene Soil Chronofunctions, Luochuan, Chinese Loess Plateau, Radiometric Dating, In Tech-Open Access Publisher, 2012

#### **6. Main Research Projects(since 2011):**

(1) 2015-2019, Bank Slope's protection under complex conditions and deformation mechanism, key project supported by National Natural Foundation of China

(2) 2013-2016, Study on enhancing the mechanism of the variation of ecological protection of vegetation concrete substrate microbial activity, project supported by National Natural Foundation of China

(3) 2012-2015, Demonstration and technology of riparian ecosystem restoration project construction area, the 12th Five-Year Plan National Science and Technology Support

(4) 2013-2016, Study on ecological protection technology system of slope, Hubei Province Outstanding Youth Science and Technology Innovation Team

(5) 2014-2015, Horizontal Project (120 Thousand), the National Energy Bureau "Hydropower Engineering of high and steep slope ecological restoration of vegetation concrete technical specifications" joint written agreement

(6) 2013-2016, Study on plant slope protection Yalong Rivers slobber, Horizontal Project (200 thousand)

(7) 2013-2014, Nuozu hydropower and quarry rock slope greening Agreement, Horizontal Project (139 thousand)

(8) 2011-2012, the ecological restoration project of science and technology service cooperation

agreement, Horizontal Project (200 thousand)

6. Awards and Honors (since 2011):

(1) 2013, New technology of High steep rock slope habitat and substrate activation and construction, the second prize of 2013 Hubei Province Technology Invention

(2) 2012, High and steep slope habitat and ecological protection technology, the first prize of 2012 China Three Gorges University Technology Invention Award

(3) 2012, Three Gorges Reservoir tributaries typical steep Fluctuating with ecological protection technology and cutting pollution abatement action research and demonstration, the first prize of 2012 Yichang Municipal Science and Technology Progress Award

(4) 4)2012, Water and soil erosion of side slope and its mechanism study on ecological protection, the third prize of Natural Science Award of China Three Gorges University

(5) 5)2012, Chronofunctions of heilu soil developed from loess in Luochuan, on the Chinese Loess Plateau

**7. Membership of Professional Bodies:**

(1) The executive director of the Hubei Society of Rock Mechanics and Engineering

(2) The vice chairman and Secretary General of the Yi Chang Society of Theoretical and Applied Mechanics

## Prof. Liu Zhangjun

**Date of Birth:** Jan 1st, 1973

**E-mail:** liuzhangjun73@aliyun.com

**Phone:** 0717-6392137

**Faculty:** College of Civil Engineering & Architecture

**Job Title:** Professor

### 1. Education:

(1) September 2013-July 2014, inland visiting scholar supported by Ministry of Education Institution of Higher Learning Young Core teacher in Civil Engineering of Tongji University Disaster Prevention of State Key Laboratory

(2) March 2004-July 2007, Civil Engineering College of Tongji University, doctor's degree of Structural Engineering

(3) September 2000-March 2003, College of Architecture Engineering, Kunming University of Science and Technology, master's degree of Disaster Prevention and Reduction Engineering and Protective Engineering

(4) September 1994-June 1997, Hubei University of Economic Management, Architecture Design and Construction Management

### 2. Professional Experiences:

(1) January 2014-now, deputy dean, College of Civil Engineering and Architecture, China Three Gorges University

(2) March 2009-December 2013, dean, College of Water Resources and Environment, China Three Gorges University

(3) January 2008-October 2011, Postdoctoral Research Station of Transportation Engineering, Tongji University

(4) July 2007-March 2009, teacher of College of Civil Engineering and Hydropower, China Three Gorges University

(5) March 2003-March 2004, teacher of College of Civil Engineering and Hydropower, China Three Gorges University

### 3. Research Directions:

(1) Aseismic and Vibration Control of Engineering Construction

(2) Probabilistic Modeling of Disastrous Stochastic Dynamic Loads

### 4. Main Published Papers (since 2011):

[1] Orthogonal Expansion of Gaussian Wind Velocity Field and PDEM-based Vibration Analysis of Wind-excited Structures, Journal of Wind Engineering and Industrial Aerodynamics, 2011

[2] Probabilistic Model of Ground Motion Processes and Seismic Dynamic Reliability Analysis of the Gravity Dam, Journal of Hydraulic Engineering, EI Source Journals, 2014

[3] Probability Density Evolution Analysis of Stochastic Seismic Response of Long-span Bridges, Journal of Civil Engineering, EI Source Journals, 2013

[4] Simulation of Stationary Ground Motion with Random Function and Spectral Representation, Journal of Vibration and Shock, EI Source Journals, 2013



[5] Seismic Reliability Analysis of Continuous Rigid Frame Bridge Using Probability Density Evolution Method, Journal of Southwest Jiaotong University, EI Source Journals, 2014

[6] Simulation of Stationary Ground Motion Processes: Hybrid Orthogonal Expansion-random Function Approach, Journal of Applied Foundation and Engineering Science, EI Source Journals, 2014

[7] Simulation of Fluctuating Wind Processes with an Orthogonal Expansion-random Function Approach, Journal of Vibration and Shock, EI Source Journals, 2014

[8] Simulation of Stochastic Ocean States by Random Function Methods, Journal of Vibration and Shock, EI Source Journals, 2014

[9] Non-stationary Ground Motion Process Simulation of Spectral Representation Method - the Random Function, Journal of Vibration Engineering, EI Source Journals, 2015

[10] The Analysis of Structure Reliability of the Non-stationary Random Earthquake Loads, Engineering Mechanics, EI Source Journals, 2015

#### **5. Publishing Books (since 2011):**

(1) Structural Dynamics, China Water & Power Press, 2012

(2) Essence Content and Model Key to Exercises of Elastic Mechanics, China Water & Power Press, 2009

(3) College Student Competition of Mechanics and Modeling, China Water & Power Press, 2012

#### **6. Main Research Projects (since 2011):**

(1) January 2013-December 2016, Research on complex engineering structure seismic reliability based on the probability density evolution, National Natural Science Foundation of China

(2) January 2009-December 2011, Research on nonlinear stochastic seismic response and reliability based on the probability density evolution theory, National Natural Science Foundation of China

(3) January 2009-December 2011, Probability density evolution method of the seismic reliability analysis of complex structure system, Hubei Provincial Key Project of Natural Science Foundation

(4) January 2013-December 2016, Research on the dynamic performance of concrete based on different water environment, National Natural Science Foundation of China

#### **7. Rewards and Honors (since 2011):**

(1) March 2013, Innovative talent cultivation of "integration teaching" research and practice of civil engineering, the first prize of Teaching Achievement in Hubei Province, ranking: 2/5

(2) August 2011, National Xu Zhilun Excellent Teacher Prize of Mechanics

(3) September 2014, the second prize of 2014 Institutions of Higher Learning of Water Conservancy Engineering Teaching Achievement Award at the , ranking: 2/5

(4) December 2014, the title of 2014 Hubei Provincial Excellent Guidance Teacher for Postgraduate's Thesis

(5) March 2009, Academic leader of "151" Talent Project in China Three Gorges University

#### **8. Membership of Professional Bodies:**

(1) October 2013, Committee member of Random Vibration of Chinese Society for Vibration Engineering

(2) August 2011, Director of the Hubei Provincial Institute of Mechanics

## Prof. Peng Gang

**Date of Birth:** April 1963  
**E-mail:** 871399412@qq.com  
**Faculty:** College of Civil Engineering & Architecture

**Job Title:** Professor

### 1. Education:

(1) September 1980 to July 1983, Junior College Degree of Civil Engineering, former Wuhan University of Hydraulic and Electrical Engineering

(2) September 1992 to July 1995, master's degree of Structural Engineering, former Wuhan University of Hydraulic and Electrical Engineering

(3) September 1999 to July 2003, Huazhong University of Technology, doctor's degree of Structural Engineering

(4) March 2005 to February 2008, Postdoctoral research in Wuhan University

### 2. Professional Experiences:

(1) August 1983 to June 1991, former Yichang Institute of Architectural Design, industrial and civil architecture and structure design

(2) July 1991 to August 1992, Shaoguan Smelting Plant in Guangdong Province, civil engineering design of the plant

(3) September 1992 to now, China Three Gorges University, teacher

### 3. Research Directions:

(1) Static and Dynamic Performance of Concrete Materials and Structures

(2) Structural Seismic and Vibration Control

### 4. Published Papers (since 2011):

[1] Study on Wet Concrete Based on Uniaxial Compression Tests, Concrete, 2014

[2] A Three-dimensional Model for Concrete with Random Parameterized Irregular Aggregate, Journal of Hydraulic Engineering, 2012

[3] Experimental Study on Dynamic Characters of Steel Fiber Reinforced Concrete under Triaxial Pressure, Concrete, 2011

### 5. Published Books (since 2011):

Vibration Control of Civil Engineering Structure, Wuhan University of Technology Press, 2002

### 6. Research Projects(since 2011):

(1) January 2013-December 2016, A study on dynamic properties of concrete based on different water environment, project of National Natural Science Foundation of China

(2) September 2013-December 2014, Study on strength characteristics and rock mass deformation with multiple sets of fracture, Technical Service

(3) May 2011-June 2011, Developing and design of the main structure of the three-dimensional landslide test model, Technological Development,



(4) January 2013-December 2016, Study on integral reliability of complex seismic engineering structure based on probability density evolution, Project supported by National Natural Science Foundation of China

(5) September 2013-December 2014, Study on strength characteristics and rock mass deformation with multiple sets of fracture, Technical Service

(6) May 2011-June 2011, Development and design of the main structure of the three-dimensional landslide test model, Technological Development

## Prof. Wang Shimei

**Date of Birth:** December 1965

**E-mail:** 284480957@qq.com

**Phone:** 0717-6396234

**Faculty:** College of Civil Engineering & Architecture

**Job Title:** Professor

### 1. Education:

- (1) September 1984 to June 1988, bachelor's degree of Geological Engineering in Changchun College of Geology
- (2) September 1988 to June 1991, master's degree of Geological Engineering in Changchun College of Geology
- (3) September 2001 to June 2007, doctor's degree of Hydraulic Structure in Wuhan University
- (4) December 2003 to December 2004, visiting scholar in Moscow Architecture University
- (5) December 2006, learning in Institute of Landslide in Kyoto University for 2 weeks
- (6) March 2012 to June 2013, visiting scholar in University of Alberta for three months

### 2. Professional Experiences:

- (1) 1992 to 1994, teaching assistant in the former Gezhouba Institute of Hydroelectric Engineering
- (2) 1994 to 1997 Lecturer in the former Gezhouba Institute of Hydroelectric Engineering
- (3) 1997 to 2000 Associate Professor in former Wuhan University of Hydraulic and Electrical Engineering (Yichang)
- (4) 2000 to 2006 Associate Professor in China Three Gorges University
- (5) 2006 to now, Professor in China Three Gorges University

### 3. Research Directions:

- (1) Test and Theoretical Analysis of Unsaturated Soil Mechanics Characteristic
- (2) Formation Mechanism and Prediction Evaluation of Geological Disasters
- (3) Test and Theoretical Analysis of Rheological Properties of Soil
- (4) Geotechnical Engineering and Geological Environment Related Problems

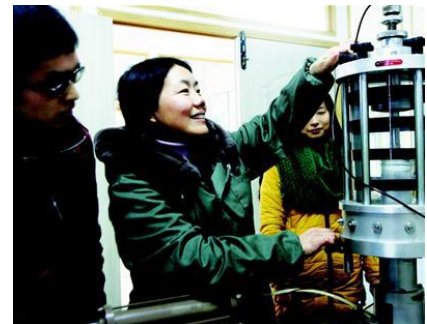
### 4. Main Published Papers (since 2011):

- (1) Coupling of Seepage and Stress of Shuping Landslide under the Combined Action of Reservoir Water Decline and Rainfall, Journal of Yangtze River Scientific Research Institute, 2014
- (2) Response of Typical Hydrodynamic Pressure Landslide to Reservoir Water Level Fluctuation: Shuping Landslide in Three Gorges Reservoir as an Example, Journal of Engineering Geology, 2014
- (3) A Study of Quantitative Assessment Method of Population Vulnerability of a Single Landslide, Hydrogeology and Engineering Geology, 2013

### 5. Main Research Projects (since 2011):

January, 2014-December, 2017, the reservoir landslide seepage and creep coupling analysis, Project supported by Natural Science Foundation of China

### 6. Awards and Honors (since 2011):





(1) “Reservoir model of landslide prediction evaluation and research in Three Gorges Reservoir area”, the second prize of Hubei Provincial Scientific and Technological Progress Award, 2006

(2) “Arch closure temperature field and temperature control optimization theory and practice”, the first prize of Hubei Provincial Scientific and Technological Progress Award, 2006

(3) “Valley slope stability evolution mechanism and control method” , the first prize of Ministry of Education Scientific and Technological Progress Award





## Contacts

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CSC NO.											
派遣途径:	学生类别:										
经费办法:	学习专业:										
安排院校:	1. 2. 3.										

( The above table is only for CSC )

## APPLICATION FORM FOR CHINESE GOVERNMENT SCHOLARSHIP

### Personal Data:

Agency No. 11075	Agency Name China Three Gorges University		Photo
Last Name	Surname		
Chinese Name	Gender		
Date of Birth	Marital Status		
Nationality	Native Language		Passport No.
Country of Birth	City of Birth		Religion
Permanent Contact Tel	Permanent Contact Fax	Permanent Contact E-mail	
Permanent Contact Address			
Present Contact Tel	Present Contact Fax	Present Contact E-mail	
Present Contact Address			

### Education Background and Employment Record:

Highest Diploma

Institution	
Years Attended	Fields of Study
Certificates Obtained or to Obtain	

Other Certificate I

Institution	
Years Attended	Fields of Study
Certificates Obtained or to Obtain	

## Other Certificate II

Institution	
Years Attended	Fields of Study
Certificates Obtained or to Obtain	

## Current Employment

Employer	
Time Engaged	Work Engaged
Posts Held	

## Language Proficiency and Proposed Study in China:

Chinese Proficiency	Level of HSK test or other certificates	
English Proficiency	I can be taught in English	Other Language
Apply for	Disciplines	
Majors		
Preferences of Institution I		
Preferences of Institution II		
Preferences of Institution III		
Duration of the Major Study		
Do You Need Elementary Chinese Study prior to the Major Study		
Duration of Your Elementary Chinese Study (not included in the length of the major study)		
Have you ever Studied or Worked in China		
Institution or Employer	Time(from/to)	

## Contact in China and Family Members:

Guarantor's Name	Tel
E-mail	Fax
Address	

Spouse's Name	
Age	Employment
Father's Name	
Age	Employment
Mother's Name	
Age	Employment

◆ **Supporting Documentation Attached(Please Indicate with 'X' in the Bracket.):**

- ☐ Two Application Forms.
- ☐ Two Letters of Recommendation.
- ☐ Admission Letter or Admission Notice of Chinese Universities.
- ☐ Transcripts of the Most Advanced Studies(Notarized Photocopy).
- ☐ Diploma of the Most Advanced Studies(Notarized Photocopy):  
     Bachelor's☐ Master's☐ Doctor's☐ Others☐
- ☐ Foreigner Physical Examination Form(Photocopy).
- ☐ Study Plan in China.
- ☐ Articles or Papers Written or Published.
- ☐ Examples of Art(6 color pictures)and Music(1 audio tape)Work(Only for the applicants applying for Fine Arts and Music).
- ☐ Other Attachments(List Needed) : \_\_\_\_\_

Note:Each Set of the complete materials should not exceed 20 pages. Please use DIN A4.

Whether the candidates are accepted or not,all the application materials will not be returned.

◆ **I Hereby Declare That:**

1. All information and supporting documentation provided for this application are complete, true and correct.
2. During my stay in China,I shall abide by the laws and decrees of the Chinese government,and will not participate in any activities in China which are deemed to be adverse to the social order of China and are inappropriate to the capacity as a student.
3. I will agree to the arrangements of my institution and specialty of study in China made by CSC,and will not apply for any changes in these two fields without valid reasons.
4. During my study in China,I shall abide the rules and regulations of the host university,and concentrate on my studies and researches, and follow the teaching programs arranged by the university.
5. I shall go through the procedures of the Annual Review of Chinese Government Scholarship Status as required.
6. I shall return to my home country as soon as I complete my scheduled program in China,and will not extend my stay without valid reasons.
7. If I am judged by the Chinese laws and decrees and the rules and regulations of the university as having violated any of the above, I will not lodge any appeal against the decision of CSC on suspending,or withdrawing my scholarship,or other penalties.

**Signature of the Applicant:\_\_\_\_\_Date:\_\_\_\_\_**

(The application is invalid without the applicant's signature)