



海纳百川 有容乃大

The sea accepts hundreds of rivers for its greatness,

So we need an open mind, and be tolerant of others' differences.

# DREAM for Campus Safety

## Disaster Reduction Ecological Artistic MAP

Tian, Bingwei

Sichuan University

2018.4.3

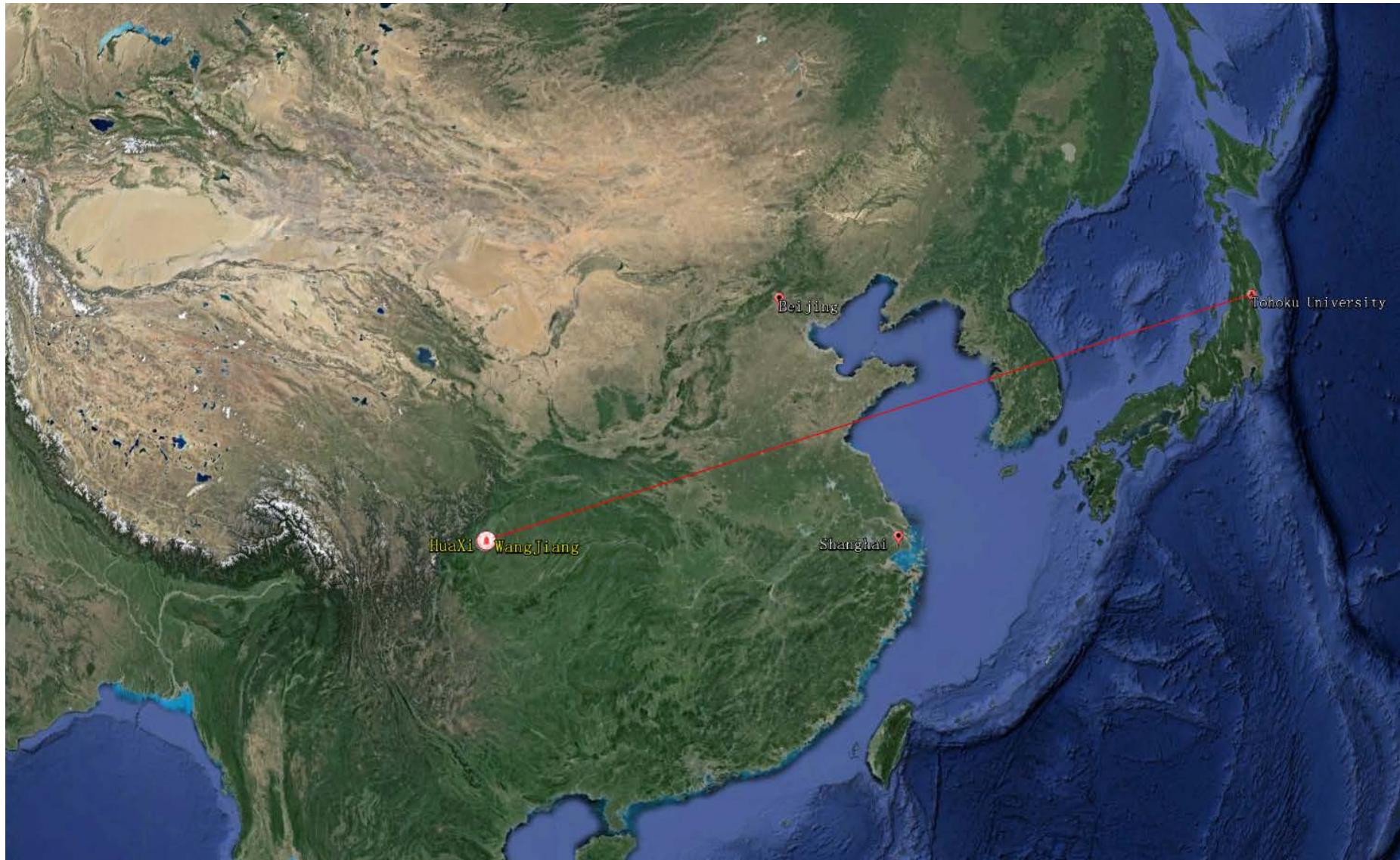


# OutLine

- 1. Sichuan University and IDMR**
- 2. Background and Objectives**
- 3. What is DREAM**
- 4. Study Area**
- 5. Design and Mapping**
- 6. Results**



# Location of Sichuan University





# Chengdu: Land of Abundance



Population: 18 M

Area: 14,605 km<sup>2</sup>

GDP: 1,120 Billion RMB





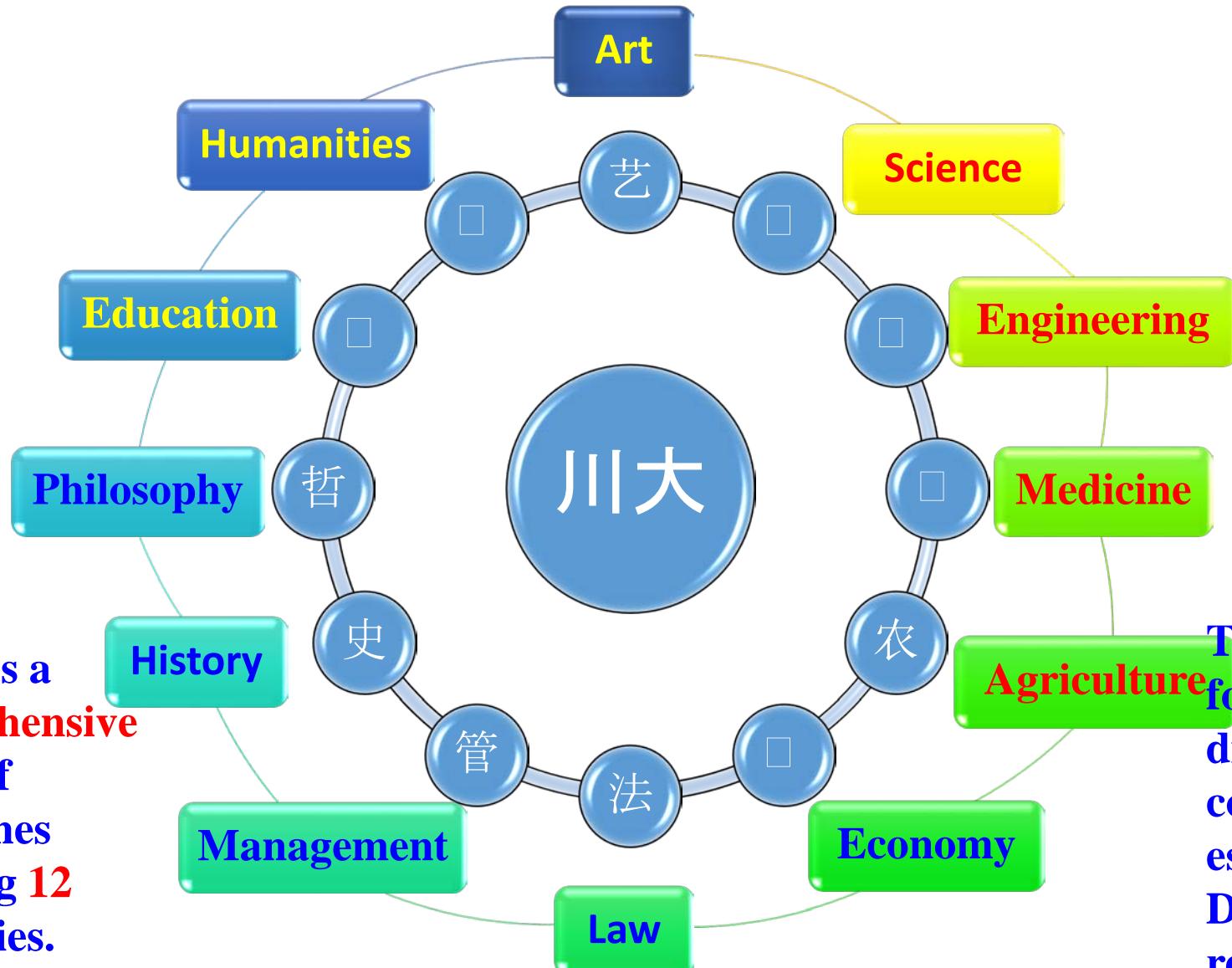
# SCU: Education and Research

SCU	Statistics	Ranking 2017		
Colleges/Schools	35	West	China	World
Education Programs	349 Dr. +443 M.+134 B.	1	-	-
Faculty members	5238 (1611Prof. )	1	-	-
Current Students	60,000+ (3,000 international)	1	2	-
Campus Area	3 Campus, 470 hectares	1	10	-
Actual budget	6.576 Billion RMB	1	10	-
STCRGU	Scientific and Technological Competitiveness	1	9	95
SCI Papers	3647 in 2014	1	5	-
Nature Index	191 paper	2	15	81
ESI	Top 1%	1	8	411

SCU is ranked No. 8 among Chinese universities in Shanghai Jiaotong University's Academic Ranking of World Universities.



# SCU: Disciplines

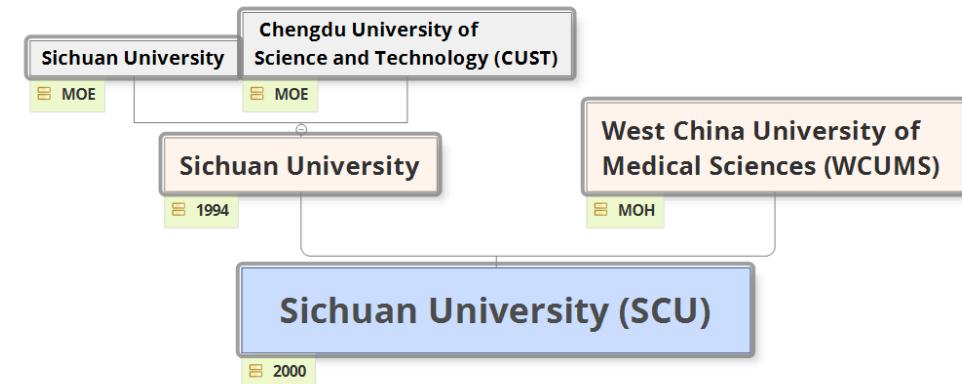
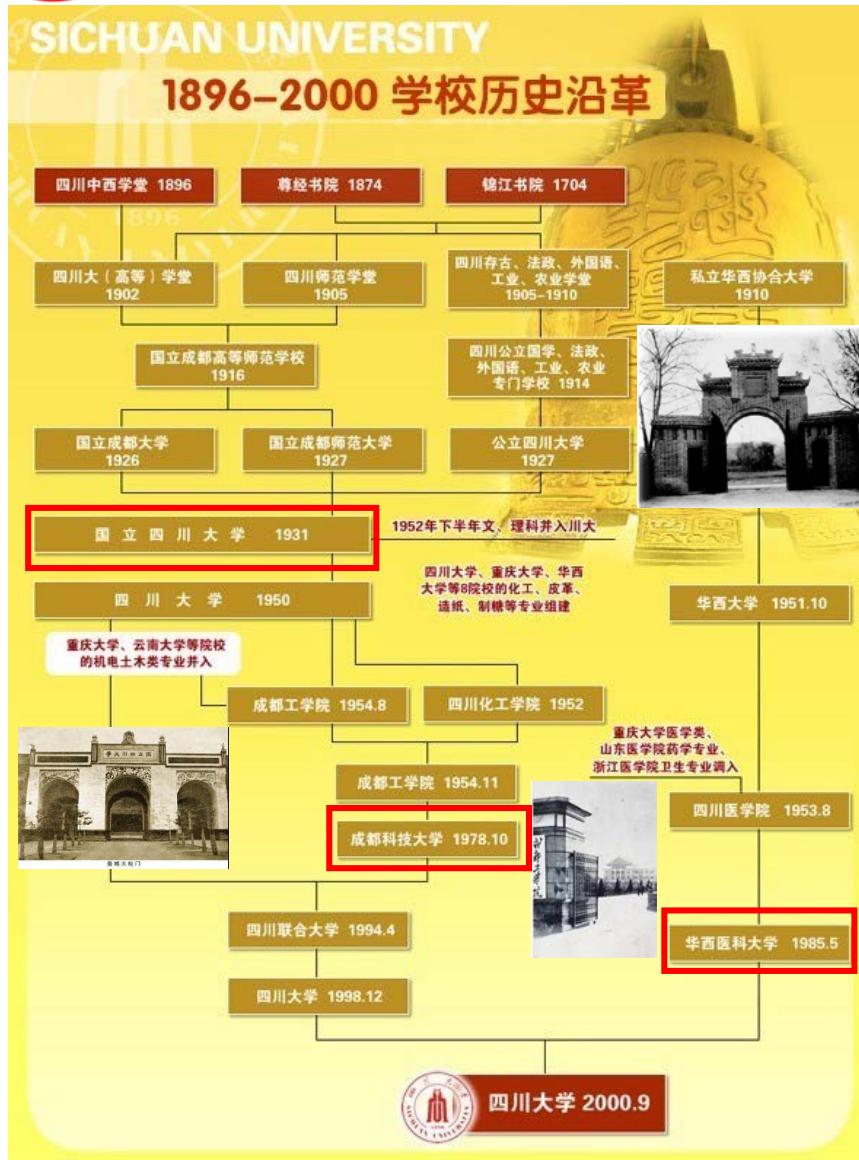


SCU has a comprehensive range of disciplines covering 12 categories.

This is good for multi-discipline cooperation especially in Disaster research.



# SCU: History 120<sup>th</sup> Anniversary



Now, SCU is the largest university which covers most subjects in west China.



# Main Campus-Wangjiang



April 25th





# Medical Campus-HuaXi





# Newest Campus-JiangAn



# Sichuan University –The Hong Kong Polytechnic University Institute for Disaster Management and Reconstruction

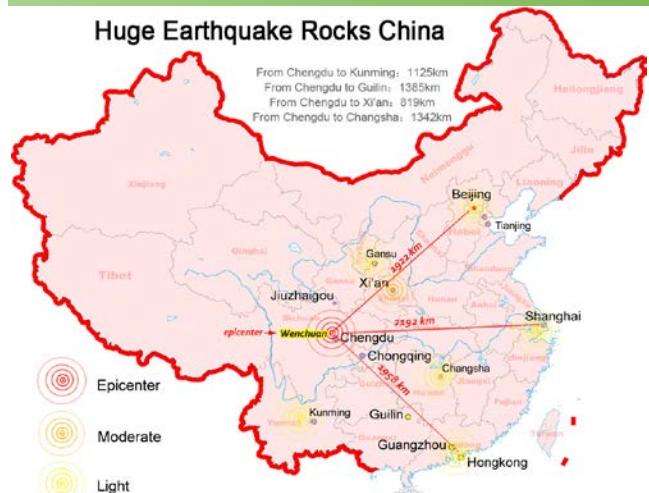
## Welcome to IDMR



IDMR

四川大学  
香港理工大学  
灾后重建与管理学院

# Introduction of IDMR 2008-2009



2008

2009

- 2008.5.12 Wenchuan Earthquake @SCU
- 2008.6.24 Establishment of the “**SCU-PolyU Sichuan Post-disaster Reconstruction Support and Research Centre**”.
- 2008.12 Prepare to establish IDMR @SCU
- 2009.5.11 Reconstruction forum on Wenchuan earthquake hold by the Center.



# Introduction of IDMR 2010-2011



2010

2011

- 2010.8.20 Signing the agreement with the Hong Kong Jockey Club on establishing "SCU-PolyU IDMR" @Beijing
- 2010.9.17 Signing the collaborative agreement between SCU and PolyU @SCU
- 2010.12.30 The Foundation Stone Laying Ceremony in Jiang'an Campus SCU
- 2011.9.25 The first cohort of SCU-PolyU joint PhD program with 11 PhD students enrolled @IDMR



香港賽馬會  
The Hong Kong  
Jockey Club

# Introduction of IDMR 2012-2013



2012



2013



- 2012.9.26 The second cohort of SCU-PolyU joint PhD Program with 11 PhD students enrolled@PolyU
- 2012.11 SCU officially listed IDMR as its 32nd institute, and approved to develop the interdisciplinary subject area on “Safety Science and Disaster Reduction”
- 2012.12 Launched global recruitment of top-notch talents to speed up the development of IDMR
- 2013.4.20 IDMR initiated immediate response to aid Ya'an Lushan earthquake
- 2013.5.8 The Hong Kong Jockey Club building and IDMR Plaque Unveiling Ceremony.
- 2013.5.8-9 Post-disaster revitalization and International Disaster Reduction Symposium

# Introduction of IDMR 2013-



Jockey Club  
Donation  
(200m RMB)  
2010~



香港賽馬會  
The Hong Kong  
Jockey Club



Hardware Facilities  
(120 million RMB)



Buildings for Education and Research  
(66 million RMB)

Laboratory Construction  
(54 million RMB)

1. Disaster Nursing Lab
2. Prosthetics and orthopedics Lab
3. Physiotherapy Lab
4. Occupational therapy lab
5. Psychological rehabilitation Lab
6. Disaster Social Reconstruction work lab
7. Disaster Information and Resource Center

Educational Training Programs  
(57.55 million RMB)

1. Joint PhD Program, 45 students
2. Joint master Program, 240 students
3. Undergraduate course aid : 6 subjects X 6 majors X 2
4. Short-term training-5,000 front-line Professionals

Community Practice and Service Base  
(4.77 million RMB)

Jockey Club Research Center Project  
(18 million RMB)

1. Disaster Information and Resource Center  
(8.5 million RMB)
2. Scientific research start-up funds  
(9.5 million RMB)

# IDMR's Motto and Visions 2013-

**IDMR Motto:**积知为用，成于济众。

Pooling knowledge for practical use,  
Achieving success through serving the people.

**IDMR Missions:** Everyone with Disaster Awareness,  
Disaster Education for Everyone (Xie Heping) .

**IDMR Visions:**

1. International disaster research platform and innovation base which focuses on disasters risk reduction, relief, recovery and reconstruction.
2. National key training and research base: Disaster Social Work, Disaster Education and International Disaster Relief and Disaster medical care and other high-end talents training.
3. Post-disaster reconstruction research center and databases of Wenchuan earthquake.

# IDMR: Major Research Themes

Experience of the Institute for Disaster Management and Reconstruction



**Double First**

**Integrated Disaster Sciences and Management**

**Disaster Medical Science**

# Introduction of IDMR Disciplines

## IDMR Organization (2016)



香港賽馬會  
The Hong Kong Jockey Club

### Department of Disaster Medical Science(2014.1~)

■ Disaster + Medicine

1. Disaster nursing Lab
2. Prosthetics and Orthopedics Lab
3. Physiotherapy Lab
4. Occupational Therapy Lab
5. Psychological Rehabilitation Lab
6. Disaster Medical Rescue Lab



### Department of Safety Science & Disaster Reduction(2014.4~)



1. MOE Key Laboratory of Energy Engineering and Disaster Mechanics (2014.6~)

2. Western China Earthquake and Hazards Mitigation Research Center (EHMRC, 2013.5~)

Safety science

Safety technology

Safety system engineering

Safety emergency management

Integrated disaster reduction

Disaster risk assessment

Disaster risk management

Disaster risk communication

### Department of Disaster-related Social Science(2014.4~)

■ Disaster + Social Science

1. Disaster Social Reconstruction Work Lab

2. Sichuan University-MOCA National Training Base for Social Work Professionals(2008.6~)

Disaster social work and management

Disaster Economic Management

Disaster Education Science

Disaster and Emergency Management Law

International Disaster Reduction Cooperation



- The Institute has completed an investment of RMB 400 million, of which 110 million has been put into laboratory construction

- |                                |  |
|--------------------------------|--|
| 1. Physical Therapy Lab        | I. National Comprehensive Emergency Medical Rescue base ( WHO team)                    |
| 2. Occupational Therapy Lab    | II. Nation Youth base for Disaster Education   |
| 3. Prosthetics & Orthotics Lab | III. CDPF National Research and Training Base for the Disabled Career                  |
| 4. Disaster Nursing Lab        | IV. MOCA National Training Center for Social Work Professionals                        |
| 5. Disaster Mechanics Lab      | V. Sichuan Provincial Think Tank for DRR   |
| 6. Disaster Education Center   | VI. Chengdu DRR Popular Science Base<br>VII. DRR Service Learning base for HK students |

All of these laboratories are accessible to the entire university and society

# Introduction of IDMР: Labs

物理治疗实验室

Physical Therapy

Laboratory

- 物理治疗实验室包括骨骼肌肉系统、□ □ □ □ □ □ □ □ □ □ □ □ □ □ □
- □

Used in physical therapy and simulative training on bones and muscles



# Introduction of IDM: Labs

## 作业治疗实验室 Occupational Therapy Laboratory

- 作业治疗实验室包括烧伤和人体功能等康复医疗区及行为观察实验区
- 用于灾后心理社会功能和身体功能等障碍的康复治疗及残疾人居家生活模拟训练

**Consisting of rehabilitation therapy area and behavior observation experimental area for burn injury, human body functions, and etc.**



# Introduction of IDM: Labs

义肢矫形实验室  
Prosthetics &  
Orthotics  
Laboratory

- 义肢矫形实验室包括石膏打磨与修型室、义肢制作室和检查评估室
- 用于帮助灾害伤残人员的义肢制作、装配与维护，同时进行义肢矫形机理的研究与教学

**Consisting of Gypsum Polishing & Trimming Room, Artificial Limbs Production Room and Inspection & Evaluation Room.**



# Introduction of IDM&R

灾害护理实验室  
Disaster Nursing  
Laboratory

- 灾害护理实验室包括灾害创伤与生命支持、救治训练和灾害健康管理等实验区。
  - 用于灾后伤情评估、伤员救治、灾后场景体验，以及灾害救护技能的模拟训练。
- Consisting of experimental areas for disaster-incurred wound and life support, treatment training, disaster health management, etc.**



# Introduction of IDM&R

灾害力学实验室  
深部地下科学与工程  
Disaster Mechanics  
Laboratory

- 灾害力学实验室围绕灾害机理研究包括了宏观岩石混凝土力学和细观力学实验区。
- 用于灾后岩石、岩石接触面以及岩体软弱结构面等的破坏分析和抗剪(断)试验。

**Consisting of experimental areas for Macroscopic Rock/Concrete Mechanics and Microscopic Mechanics, focusing on disaster mechanism study.**

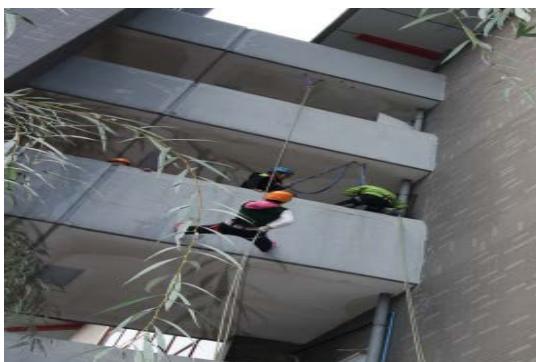


# Introduction of IDM&R: Labs

灾害教育研究中心  
Research Center for  
Disaster Education

- 面向全社会，开展防灾减灾救灾、应急救援演练与校园安全防范等方面的知识教育、科普宣传和技能培训

**Open to the whole society, the Center conducts knowledge education and skill training related to disaster prevention, reduction and rescue**



“ 地球人都要有灾害意识， 地球人都要有灾害教育”

“Disaster awareness for people on Earth” “Disaster education for people on Earth”

# Introduction of IDMRLabs

## Disaster Education and Popularization



# Introduction of IDMCR

国家紧急医学救援综合基地

The First National  
Comprehensive Emergency  
Medical Rescue Training Base



- 全球第一支世界卫生组织认可民间3级紧急医学救援队伍训练基地
- The first civilian WHO level 3 Emergency Medical Team's Training base**



“四川大学灾难医学中心”

“Disaster Medicine Center, Sichuan University”

# Introduction of IDMR

We has successfully shifted our position  
from a university  
**“concerned by the world due to disasters”**  
to a university  
**“concerning world disasters”.**

# Introduction of IDM&R

2015年4·25尼泊尔8.1级特大地震：提供地震紧急医学救援与灾后重建支援。

4·25 2015 Nepal mega-earthquake

- ① Immediately Sent Medical Staff Over 100 Persons;
- ② Consultation And Policy Advice for Post-disaster Reconstruction;
- ③ Established "Sichuan People's Joint Committee on Aid to Quake-stricken Nepal" ;
- ④ Coordinated China's social work;
- ⑤ Training for over 200 senior talents of Nepal;
- ⑥ Invited 300 plus Nepalese students to SCU;



# Introduction of IDM

**2015年尼泊尔特大地震后，尼泊尔总理奥利（2016年3月27）专程访问四川大学并发表演讲，感谢：“四川大学第一时间派出医疗队参加救援工作，及时成立 四川人援助尼泊尔地震联席会”，组织四川地区社会力量参与尼泊尔灾后支持工作，并协调中国社会组织参与尼泊尔的抗震救灾，有力促进了尼泊尔地震灾区的恢复与重建”**

**After the 2015 Nepal mega-earthquake, Nepalese Prime Minister K. P. Oli paid a special visit to Sichuan University (Mar. 27, 2016) and delivered a speech in gratitude to Sichuan University**



# Introduction of IDMR

2014年8·03云南鲁甸6.5级地震：提供紧急医学救援、康复医疗与灾后重建支援。

8·03 2014 Yuannan Ludian Earthquake (magnitude 6.5):

第一时间派出医护人员200余人次，  
进行紧急医学救援与康复医疗

**Emergency Medical Rescue**

第一时间组织志愿者和社工人员  
800余人次，赴现场开展紧急救援

**与志愿服务 Emergency Rescue  
And Volunteer Service**

第一时间组织专家50余人次，赴  
灾区现场开展灾害调研与评估

**Disaster Investigation And  
Evaluation**

培训当地灾后重建与康复医疗技  
术人才500余人

**Post-disaster Reconstruction**



# Introduction of IDMR

2013年4·20四川芦山7.0级地震：提供紧急医学救援、康复医疗与灾后重建支援。

4·20 2013 Sichuan Lushan Earthquake (magnitude 7.0):

- ① 第一时间派出17支医护队，  
救治伤员1000余人，进行**紧急医学救援**  
**Immediately sent 17 medical teams**
- ② 第一时间组织专家200余人次，  
赴灾区现场开展**灾害调研与评估**  
**Immediately sent experts of over 200 person-times**
- ③ 深入芦山灾区**调研评估**，专门向国家提出芦山**灾后重建的政策咨询与建议**，受到政府高度重视，并得以实施  
**Carried out in-depth research on Lushan reconstruction mode**



# Introduction of IDMCR

- **自2008年汶川地震以来：**学院举办和参与各类高层次国际会议50余次，开展各类防灾减灾技能教育培训·达5000余人次

**Activities since the 2008 Wenchuan Earthquake: more than 50 high-level international conferences of various kinds, and has offered training for over 5,000 trainees**



# Introduction of IDM&R

- 特别是汶川地震后，每年5·12期间举办“青年·责任·梦想”世界大学生抗灾减灾灾后重建国际论坛”，已连续举办九届，倡导不断从抵御自然灾害的实践过程中总结经验，提高人类防灾减灾意识和能力，培养全球青年关注世界、关注人类、关注未来的社会责任感与使命感

The Institute has especially hosted

**"Youth · Responsibility · Dream" International Student Forum on Disaster Management and Reconstruction around every May 12th for 9 consecutive years**



# Introduction of IDMCR

2017年5月18-20日第9届联合国高层水与灾害领导组(HELP)会议在川大举办。

川大积极参与、推动本次会议所讨论的‘水促进可持续发展’国际行动十年框架，充分发挥川大的人才、学科、科研和国际合作平台优势，致力于为全球水灾害防灾减灾前沿技术的创新研究贡献**川大智慧**；致力于为国际机构培养防灾减灾、重大灾害危机处理的国际高端专业人才提供**川大模式**；致力于为探索形成世界一流大学和全球重大灾害与危机处理互动机制提供**川大经验**

The 9th Session of UN High-level Experts and Leaders Panel (HELP) on Water and Disasters was convened in Sichuan University from May 18th to 20th, 2017.



Partnering with HELP on creation of new global alliance-  
“Alliance of Alliances on Water and Disasters”

四川大学以建设世界一流大学为目标，始终关注世界、关注人类、关注未来，把应对和解决全球重大灾害危机、促进人类共同进步作为义不容辞的责任和担当。因此，我们倡导共同建立“水与灾害研究全球大学联盟的联盟”。

In collaboration with the High Level Experts and Leaders Panel on Water and Disasters (HELP), the International Center for Water Hazards and Risk Management (ICHARM), and other partners, IDMR is working on the design and implementation of an international “**Alliance of Alliances on Water and Disasters**”.

The goal of this alliance will be to more effectively promote research and educational collaborations on this important theme, building on the strengths of existing networks and institutions win complementary goals.

# Background & Objectives of DREAM



- I. One DREAM map for Schoolmate
- II. One Book for JiangAn Campus Introduction
- III. One Course for Green Disaster Mitigation Service Learning

# Philosophy of Project

## Green Growth and Green Safety in Campus



**Disaster Mitigation Green Maps  
Think Global, Map Local !!!**



# Philosophy of Project from Student

## Campus Safety

### Disaster Retuction Ecological Artistic Map

**Water is Campus Spirit**  
**Green is Foundation**  
**Safety is Orientation**  
**Reality is Destination**

# What is Disaster Map



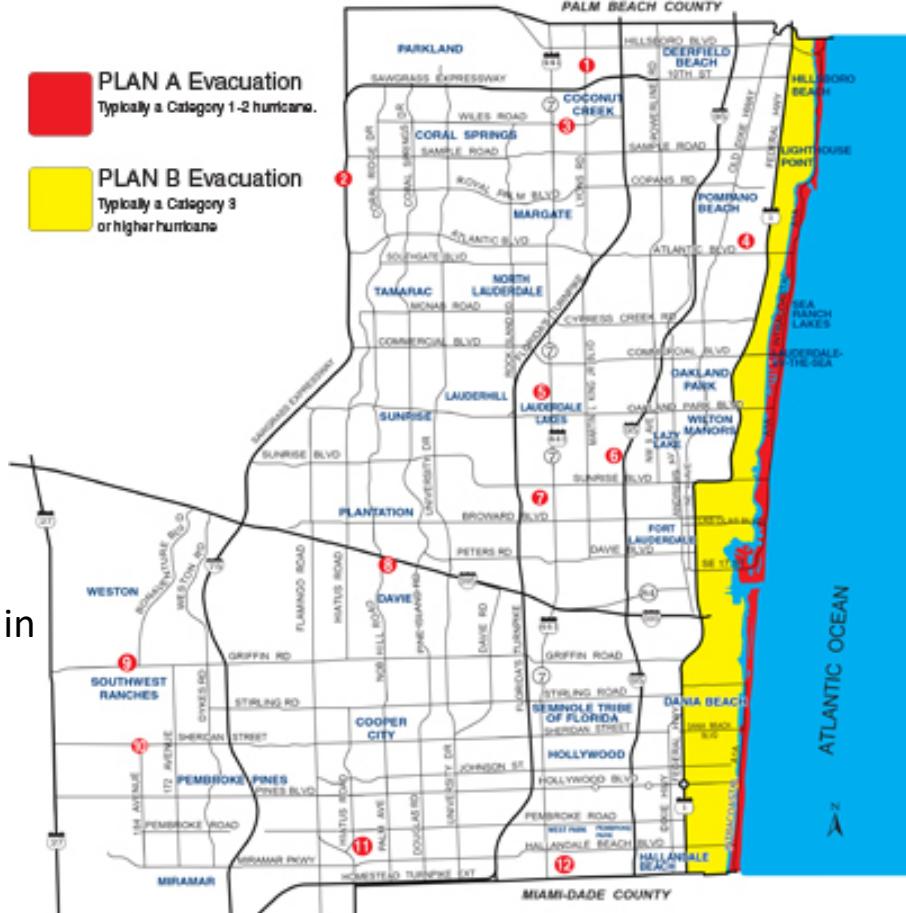
Map of North Carolina showing evacuation routes in case of flooding during Hurricane

Map Source: County of Dare website



**PLAN A Evacuation**  
Typically a Category 1-2 hurricane.

**PLAN B Evacuation**  
Typically a Category 3 or higher hurricane



Map of Florida showing evacuation routes in case of different levels of Hurricane

# 保存版

## 清須市 新川東部自主防災会 水害手づくりハザードマップ

2009年12月  
新川東部自主防災会  
(東町・坂町・中河原・下河原)

このマップは、水害時に気をつける点や取るべき行動について、町ごとにまとめたマップです。

よく目にすることに貼り、普段から家族や友人等と話し合いましょう。

### 東町

- 足の不自由な方は早めの避難!
- 避難する時は声をかける
- 車の避難はマナーを守って
- ただし内水で避難する時は雨や泥に注意
- 避難は自分の判断が重要

### 中河原

- 避難準備情報が出た段階で避難説明を開始する
- 避難する時は周辺に伝える
- 避難の場合→マンホールに注意。杖をつき、堤防に上がる。
- 中河原地区はまだ川床が多く、その上にフランジャーが走っている。
- 地区は南北に長い、表が川のあるため内水氾濫になりやすいが、土堤が高い所にあるので水は流れる。

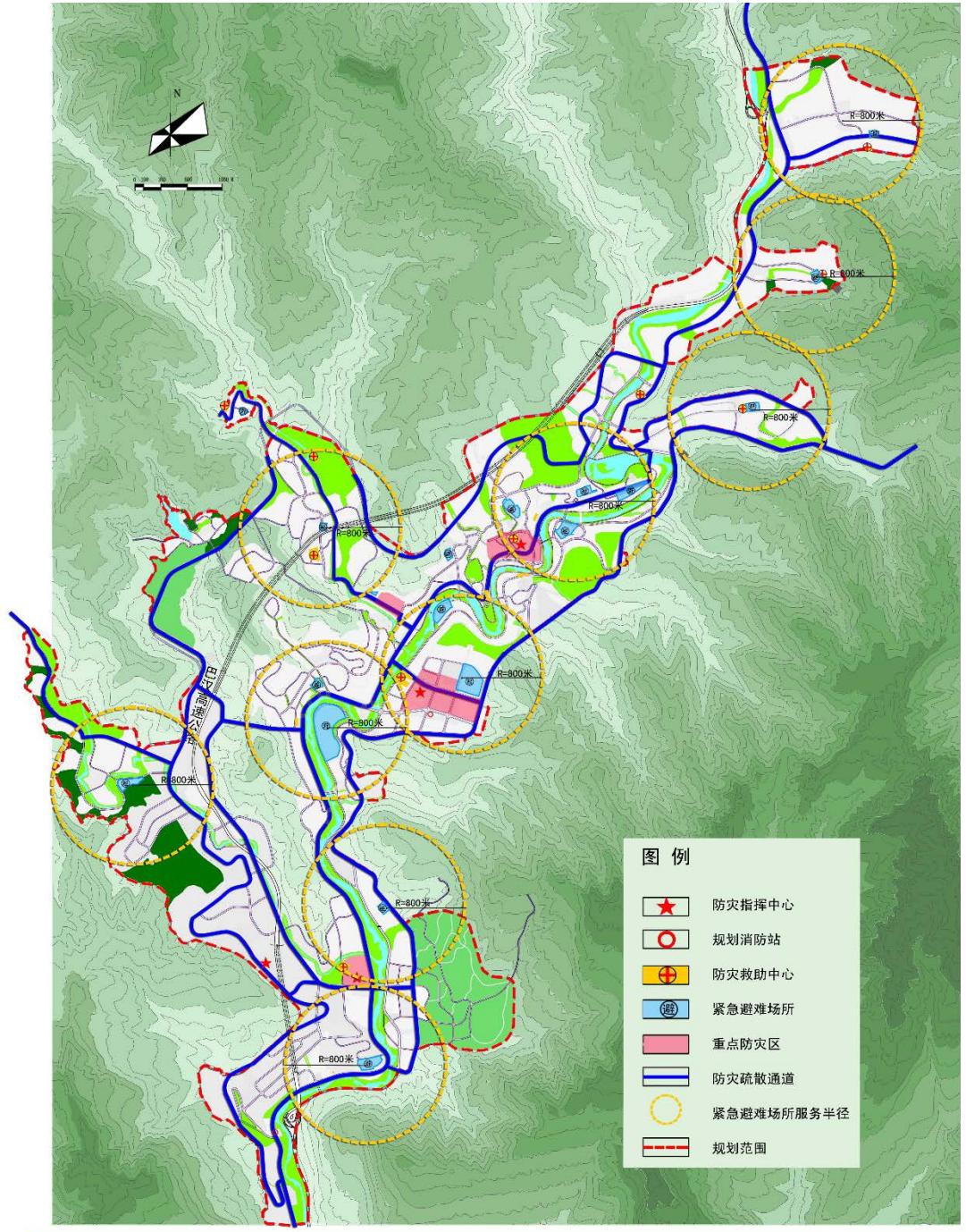


U字溝(奥溝)に注意!  
中央を通れ

（参考）

中河原地区  
伊豆12号の  
路線の  
跡地

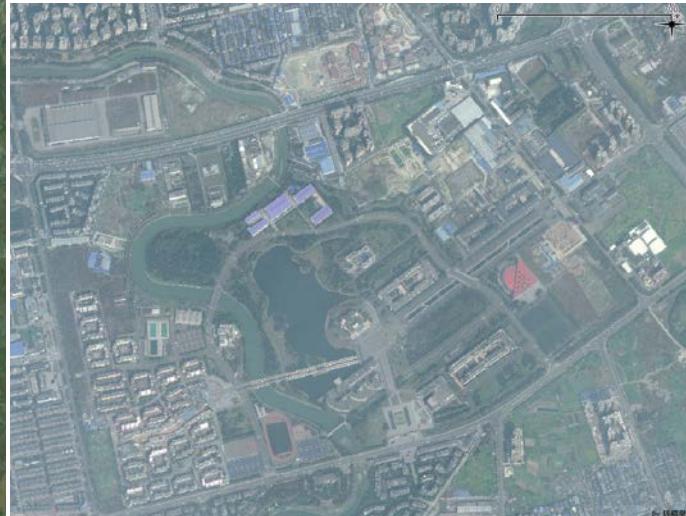
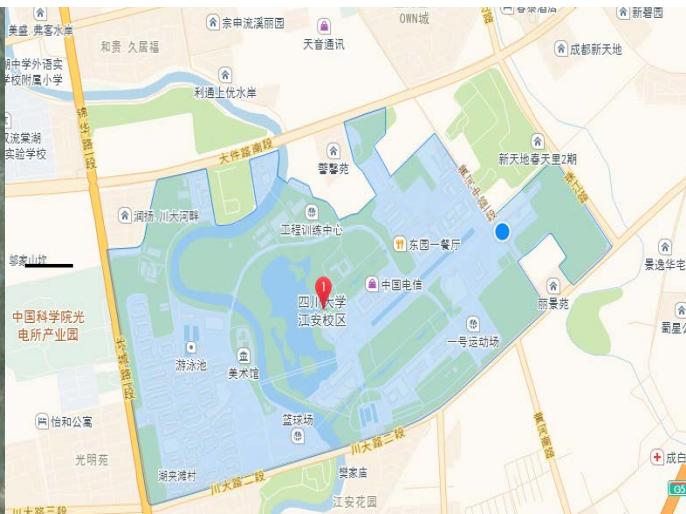
（参考）



- ✓ Disaster Prevention Buildings
- ✓ Shelters
- ✓ Escape route
- ✓ Commanding Center
- ✓ SOS
- ✓ Fire Station
- ✓ Police Station
- ✓ Fire Pull
- ✓ Cameras
- ✓ Life Lines
- ✓ AID Center
- ✓ Ground capacity



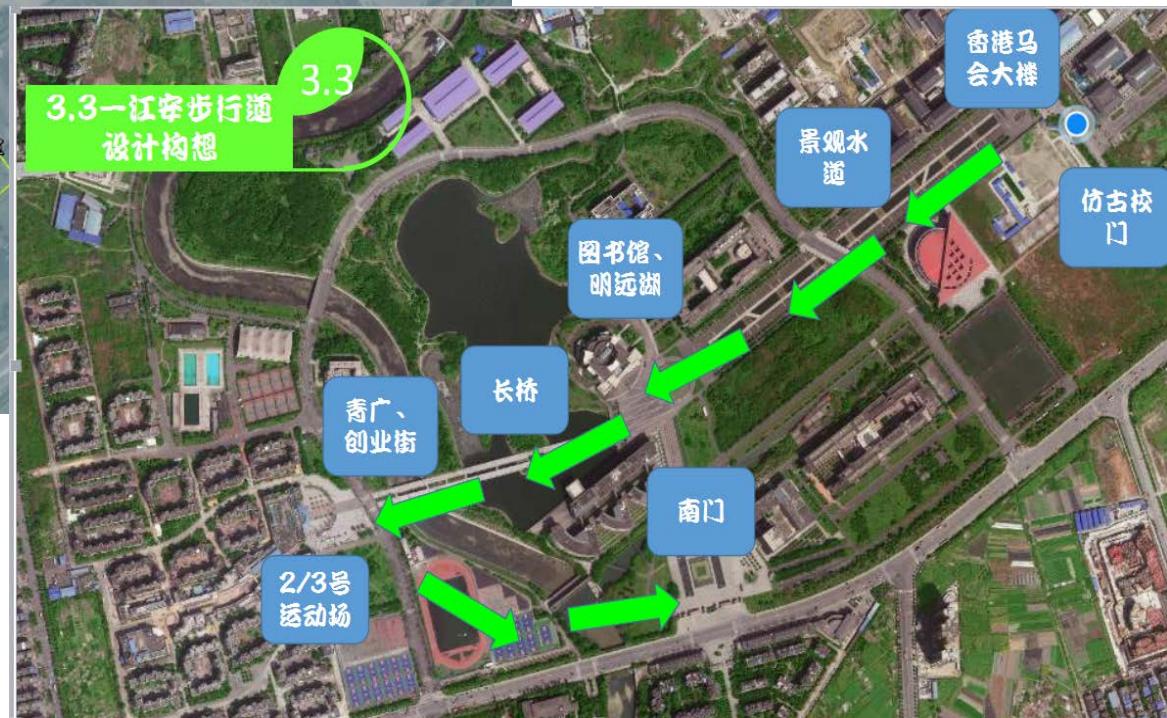
# Jiangan Campus: Location



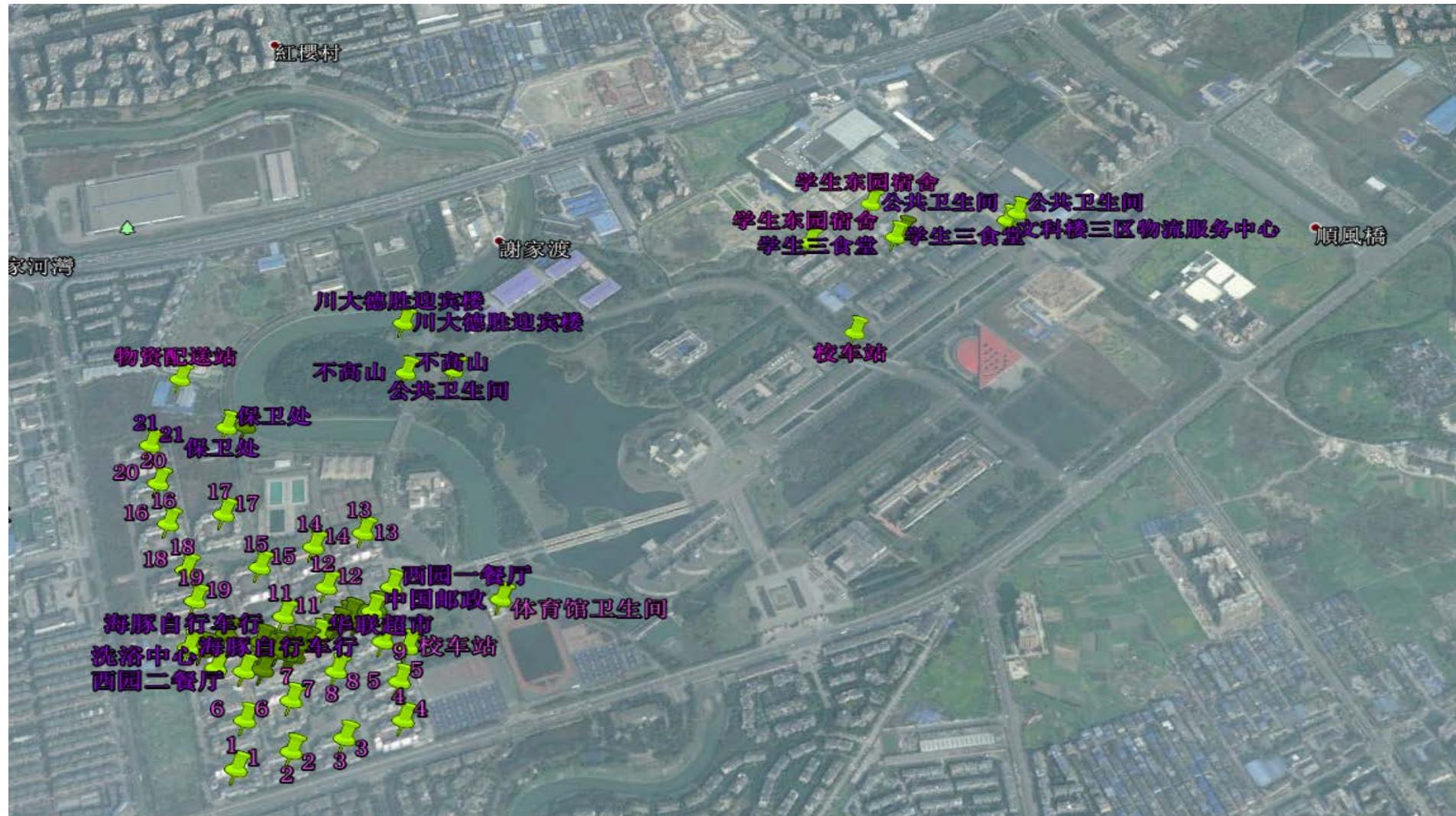


# Digitalization

四川大学 - 香港理工大学  
灾后重建与管理学院  
Sichuan University - The Hong Kong Polytechnic University  
Institute for Disaster Management and Reconstruction

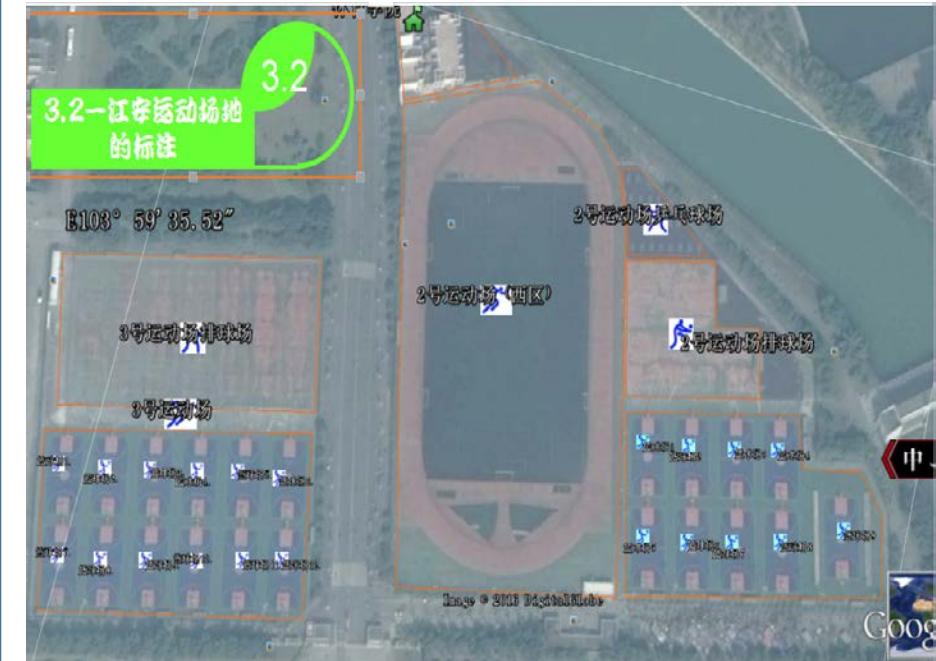


# Digitalization: GNSS Survey





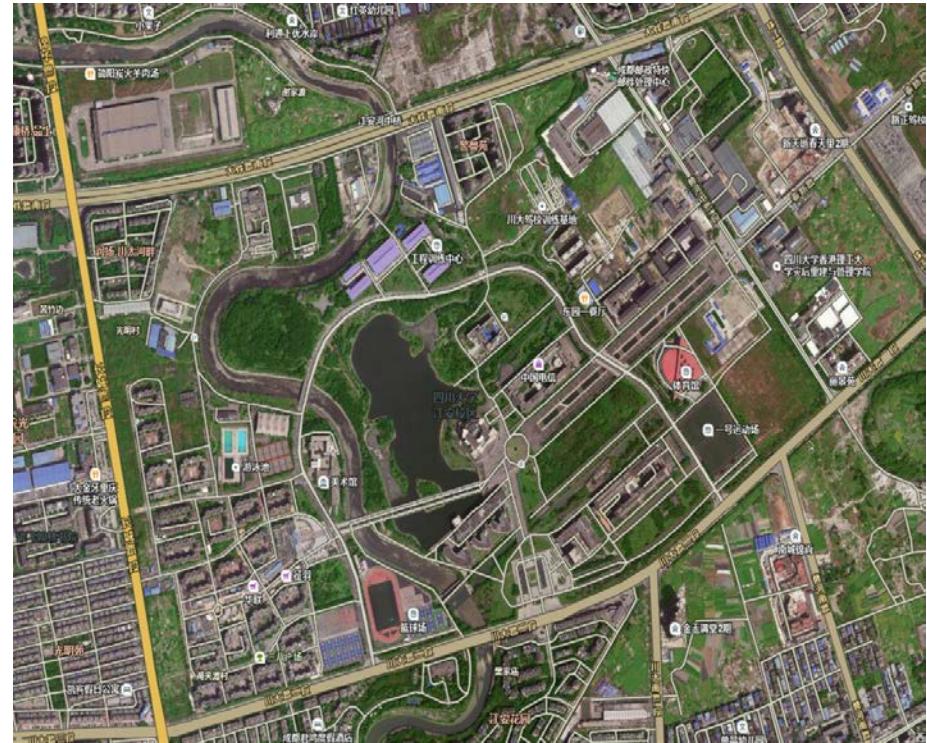
# Filed Survey



# Aerial photograph



# Google earth: Filed survey and Digitalization

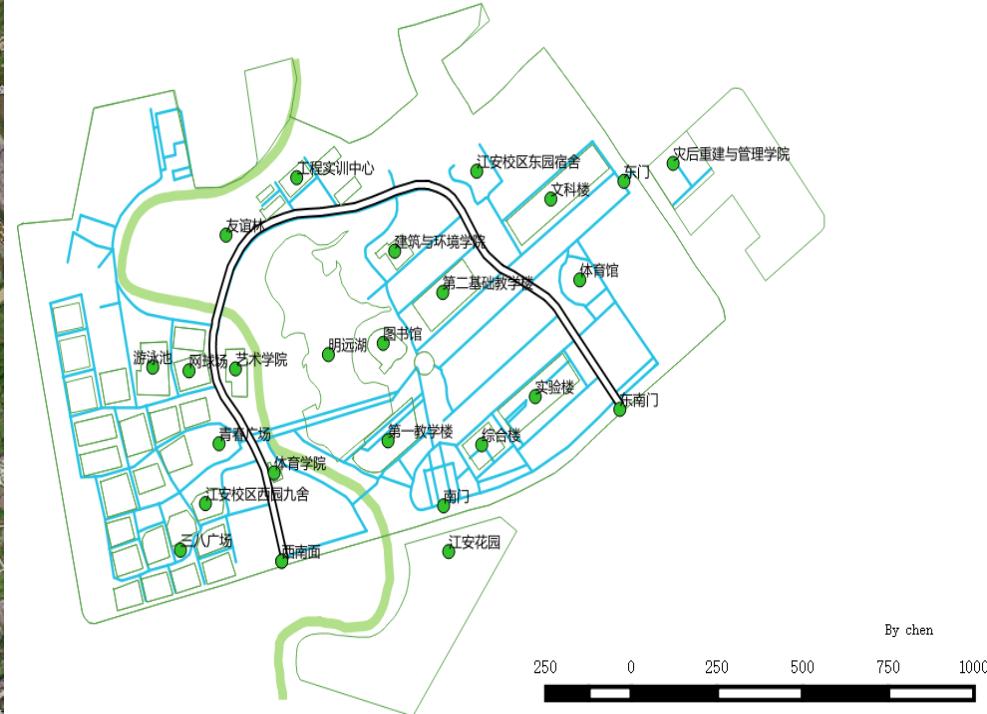
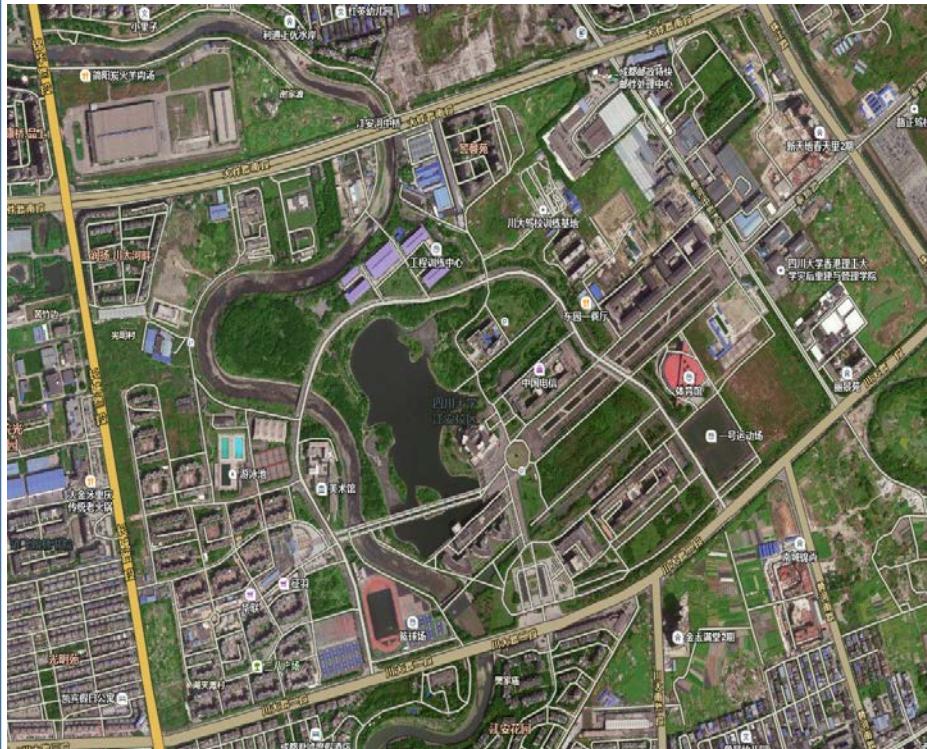




# Current Work: Digitalization

# Google earth: Digitalization

# QGIS: Mapping



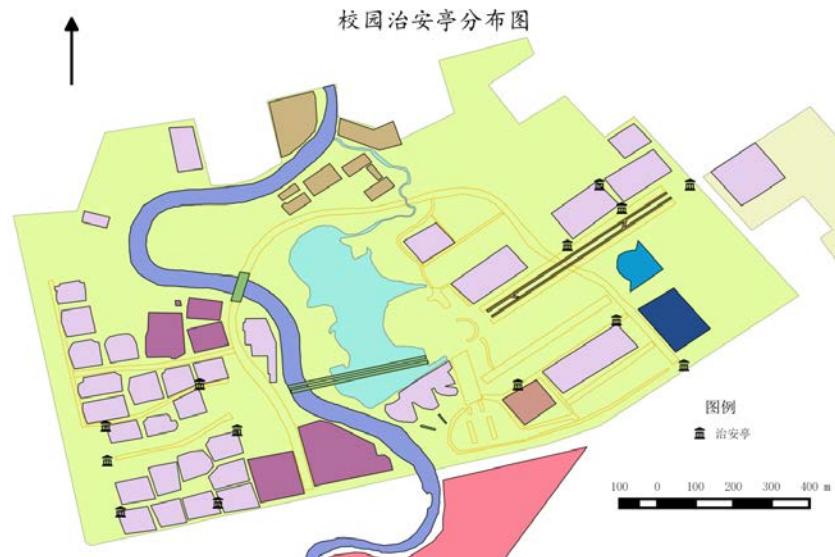
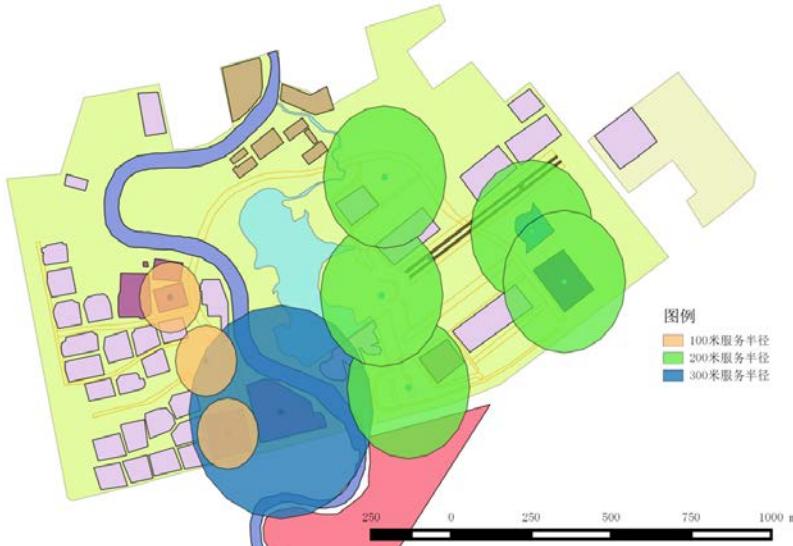
# Jiangan Campus: Land Use

江安校园土地利用分类

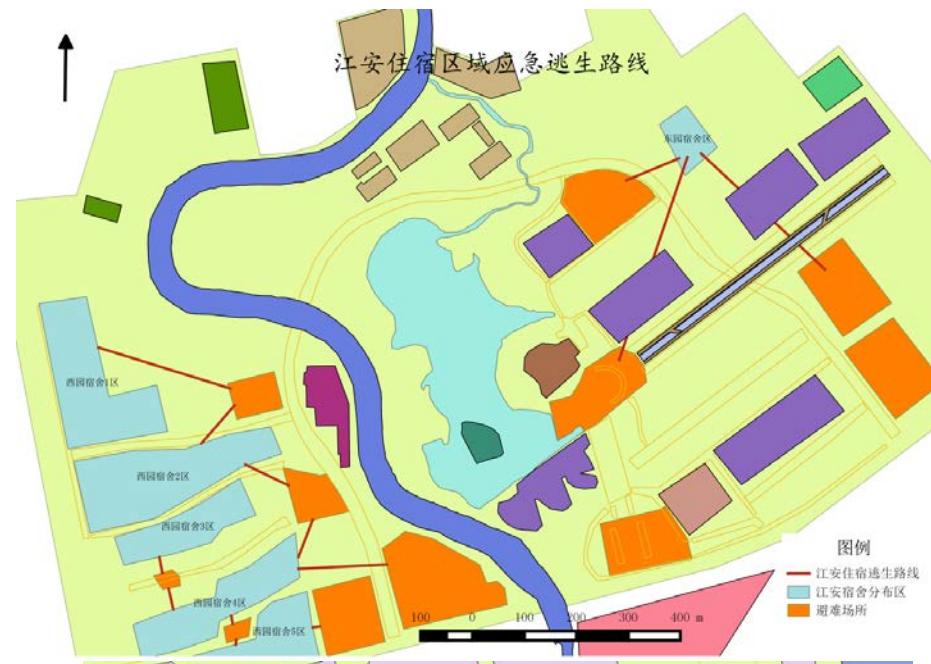


# Shelter and Escape Route In Campus

四川大学 - 香港理工大学  
灾后重建与管理学院  
Sichuan University - The Hong Kong Polytechnic University  
Institute for Disaster Management and Reconstruction



# Shelter and Escape Route In Campus



# Green Way to Class room





# VIS

四川大学—香港理工大学  
灾后重建与管理学院  
Sichuan University - The Hong Kong Polytechnic University  
Institute for Disaster Management and Reconstruction



川大

VIS Visual Identity System

## 标识专色

基础部分 A

### 标识专色

- 专色是对标准色的补充，以扩大标识使用的选择性，加强针对性。在应用中，请严格按照此规定使用。
- 特别注意：即使是同一种色彩在不同光线下、不同材质上使用，也会出现很大差异。因此，本手册展示的色彩应以晴天室内光线充足的条件下的效果为基准。请根据使用时的色值，确保颜色效果符合本手册的要求。



川大學  
SICHUAN UNIVERSITY

金色



川大學  
SICHUAN UNIVERSITY

银色

# VIS: Visual Identity System

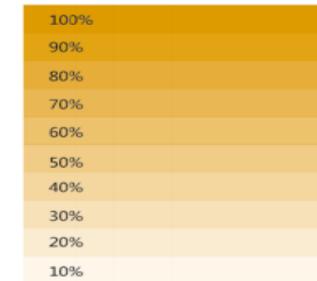
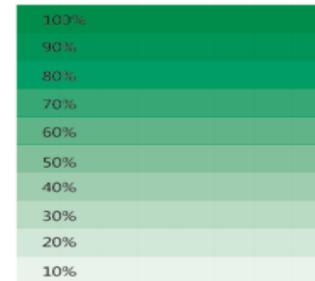
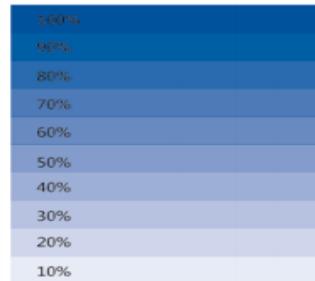
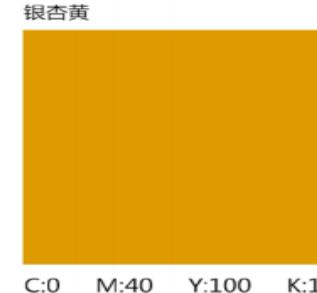
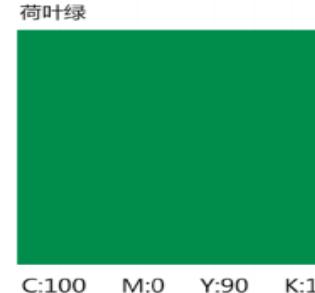
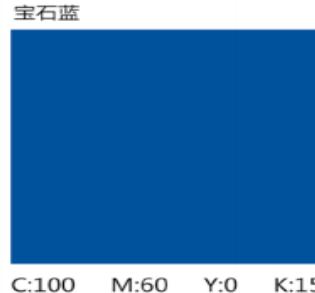
基础部分 A

## 标识辅助色

 四川大学 VIS Visual Identity System

### 标识辅助色

- 四色标准值是对四川大学辅助色的参数规定。在应用中，请严格按照此规定使用。
- 特别注意：即使是同一色彩在不同光线下、不同材质上使用，也会出现很大差异。因此，本手册展示的色彩应以晴天室内光线充足的条件下的效果为基准。请根据使用时的色值，确保颜色效果符合本手册的要求。



# Development of Logos



绿色经济



技术与设计



交通



挑战与威胁



土地与水



植物



动物



户外活动



减灾



文化特质



生态资讯



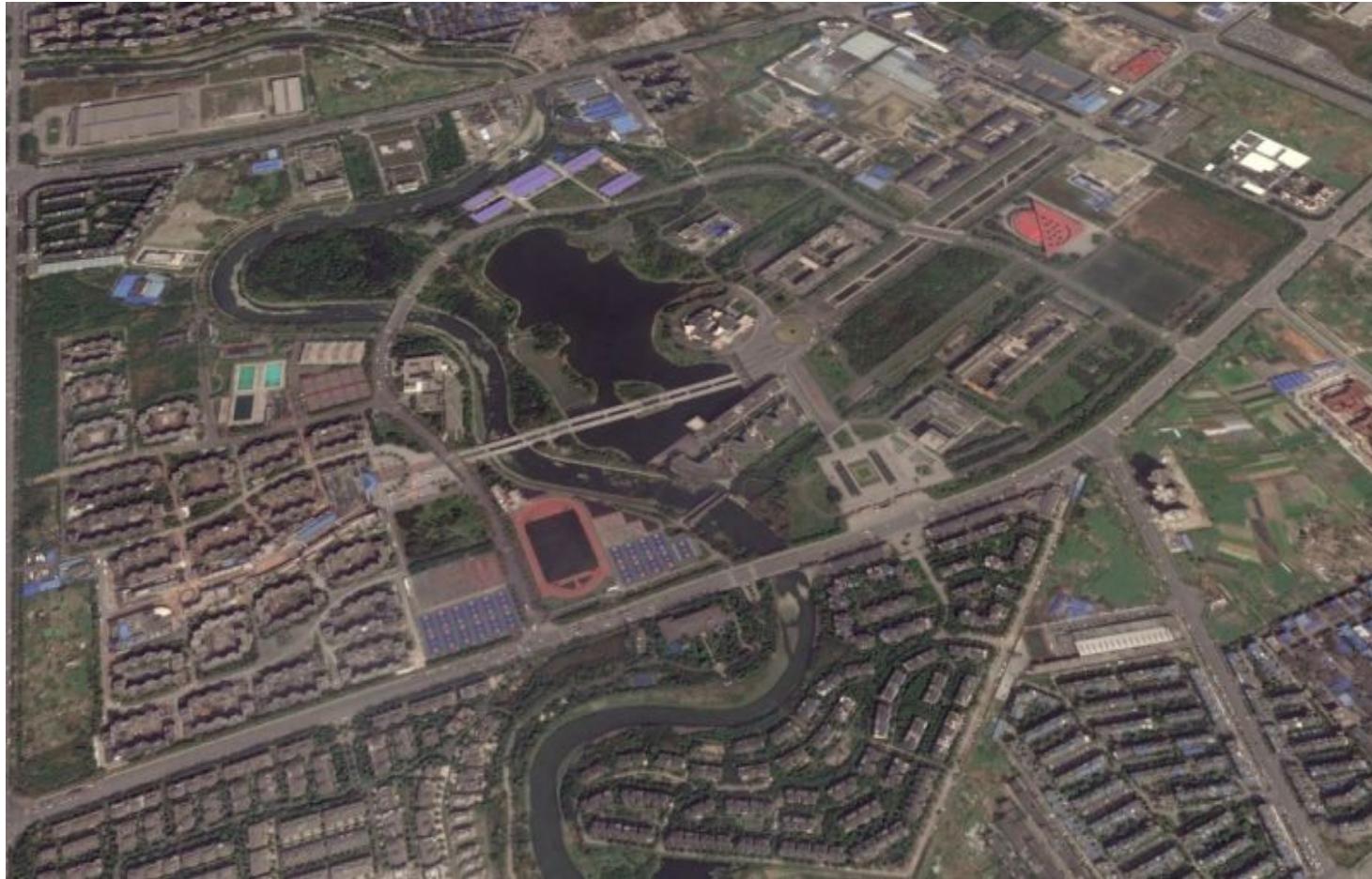
公益与行动



公共建筑与地标

# Development of Map

Remote Sensing Image for accurate grids



# Development of Map

自然  
Nature

图标 (绿地图)  
Green Map



地图底图  
Base Map

图标 (减灾)  
ICONS

人文建筑  
Culture

# Filed mapping by Students



黄葛树	▲	苏铁	■	石楠	●
桃	★	蚊母树	○	天竺桂	■
杜鹃	■	紫叶李	■	栾树	●
海桐	■	木芙蓉	▲	罗汉松	▲
红千层	✗	樟	★	八角金盘	●
楠木	■	荷花玉兰	□	刺桐	■
木犀	■	雪松	▲	光叶子花	■
垂柳	~	鸡爪槭	■	迎春花	—
杜英	●	火棘	●	蜡梅	●
山茶	■	红花檵木	✗	东京樱花	□
皱皮木瓜	○	蓝花楹	■	常春油麻藤	■
水杉	↑	梅树	●	美洲黑杨	■
鱼尾葵	◆	红花羊蹄甲	○	鹅掌柴	■
蒲葵	●	龙牙花	■	小叶女贞	○
莲	●	槐	○	洒金珊瑚	◇
榕树	■	芭蕉	●	双荚决明	▲
含笑花	○	银荆	●	白车轴草	△
栀子花	■	蝴蝶花	■	紫薇	○
南天竹	■	海枣	▲	日本晚樱	●
银杏	●	麦冬	■	细叶萼距花	●
金丝毛竹	■	阴香	●	日本珊瑚树	~
棕竹	+	玉兰	■		

# Filed mapping by Students



小鸊鷉



金腰燕



翠鸟



棕背伯劳

# Development of Map

Science + Art + Practice



# 四川大学江安校区减灾绿地图

Disaster Reduction Ecological Artistic Map on Campus at Jiang'an, SCU (120<sup>th</sup> Anniversary Edition)

# JiangAn DREAM



## 减灾图标 Disaster Reduction Icons

- |                             |                                    |                                   |                                   |
|-----------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| 灾害教育 Disaster Education     | 灾害信息 Disaster Information          | 自动除颤仪 AED                         | 应急指挥中心 Emergency Operation Center |
| 急救存放 Box for First Aid      | 急救医疗救护 Emergency Medical Treatment | 应急停车场 Emergency Parking Only      | 消防水池 Fire Pool                    |
| 室外避难场所 Emergency Shelter    | 室内避难场所 Safety Evacuation Room      | 应急集结点 Emergency集合点                | 紧急呼救设施 Emergency Call             |
| 应急供水 Emergency Water Supply | 应急供电 Emergency Power Supply        | 警卫室 Police Office                 | 治安监控 Surveillance Camera          |
| 应急物资储备 Emergency Stockpiles | 应急停机坪 Emergency Tarmac             | 应急污水处理站 Emergency Sewage Disposal | 逃生路线 Escape Route                 |

## 绿地图图标 Green Map Icons

- |   |                      |                      |                                     |
|---|----------------------|----------------------|-------------------------------------|
| 志愿服务区 Volunteer Site                    | 绿色建筑区 Green Map Area | 图书馆 Library          | 公共休闲广场 Public Activity Square       |
| 无障碍通道 Wheelchair Accessible             | 步行道 Pedestrian       | 艺术场地 Art Spot        | 公共厕所 Public Toilet                  |
| 绿地 Green Area                           | 湿地 Wetland           | 艺术墙 Art Wall         | 公共阅读区 Public Reading Area           |
| 生态景观区 Ecotourism Resource               | 河流 River             | 水岸绿地 Coastal Green   | 鸟类与野生动物观察区 Bird & Wildlife Watching |
| 公共图书馆 Public Library                    | 公园 Park              | 未来公园 Future Park     | 生态咨询处 Eco Information               |
| 绿色减灾组织 Disaster Mitigation Organization | 绿地 Green Space       | 未来发展理念 Future Vision | 公共交通设施 Public Transportation        |

# DREAM2 in Community



细节展示:·



土溪村减灾生态艺术地图 2016版

Disaster Reduction Ecological Artistic Map of Tuxi Village



# Tuxi DREAM

土溪村减灾生态艺术地图 2016版

Disaster Reduction Ecological Artistic Map of Tuxi Village

\*发行单位：共青团成都市团校、四川大学—香港理工大学灾后重建与管理学院、成都惟义公益慈善中心、邛崃市王深村村委会

-发行日期 / 2016年12月31日

土溪村DREAM

土溪村地跨塘西西南，面塘西市區50公頃。面積5.7平方公里。全村267戶，共1053人。其中勞動力人口630人（含外出務工340人）。

“土深村DREAM”就是“土深村研究生生态地图”。不同于一般的地图，这是一张“生活内容地图”。它不仅可以用来分享和探讨生活质量、传承土壤多样化，也是目前村里应急和长远规划时公开决策不可少的专业工具。这张土深村DREAM，还有着一个即席开席“综合决策应急手册村”创建计划。

“土壤村DREAM”上墙写，自然和人文三大内容图绘的字样测绘和制作，都是由留守在土壤村的孩子们、四川大学师生、艺术家和成都电视台的志愿者们共同完成的。欢迎来土壤村体验儿童版“中国学”，与土壤小朋友携手，追寻生态文明，营造新农庄社区。



土洋中心村(A区\B区)

在中心村集中居住的村民共159户、780人。整个中心村由山阳区和北区两部分组成，村民主要道路的命名，都是由王深村小组长们向全村征集。然后在村委会合表决下确定的。

许多游客可以欣赏到美丽的云和“赶场”。集市距离村中心3—4公里。晚上可以品尝水煮鱼、鸡块盖肉、生汤鱼片、五谷杂粮、芸豆包等，逢场时还有每售4、7、10、14、17、20、24、27、30号（二月神秘除外）。



绿深茗茶业

革叶种植和加工。是主要种植民族生产型企业。这座厂房有61400多平方米的种籽革叶种植组合加工，种籽的贮藏架，可以容纳各种种籽。种籽仓库内有各种种籽，如：玉米、小麦、大豆、高粱、水稻等。种籽仓库内有各种种籽，如：玉米、小麦、大豆、高粱、水稻等。种籽仓库内有各种种籽，如：玉米、小麦、大豆、高粱、水稻等。种籽仓库内有各种种籽，如：玉米、小麦、大豆、高粱、水稻等。



本公司有黑白单机、黑白双机、黑白双机带自动进纸器等。





四川美术出版社  
Sichuan Fine Arts Publishing House



四川大学服务学习系列丛书

**DISASTER REDUCTION ECOLOGICAL ARTISTIC MAP  
INNOVATION AND PRACTICE**

减灾生态艺术地图创新与实践

DISASTER REDUCTION ECOLOGICAL ARTISTIC MAP  
INNOVATION AND PRACTICE

田兵伟 主编著



四川美术出版社

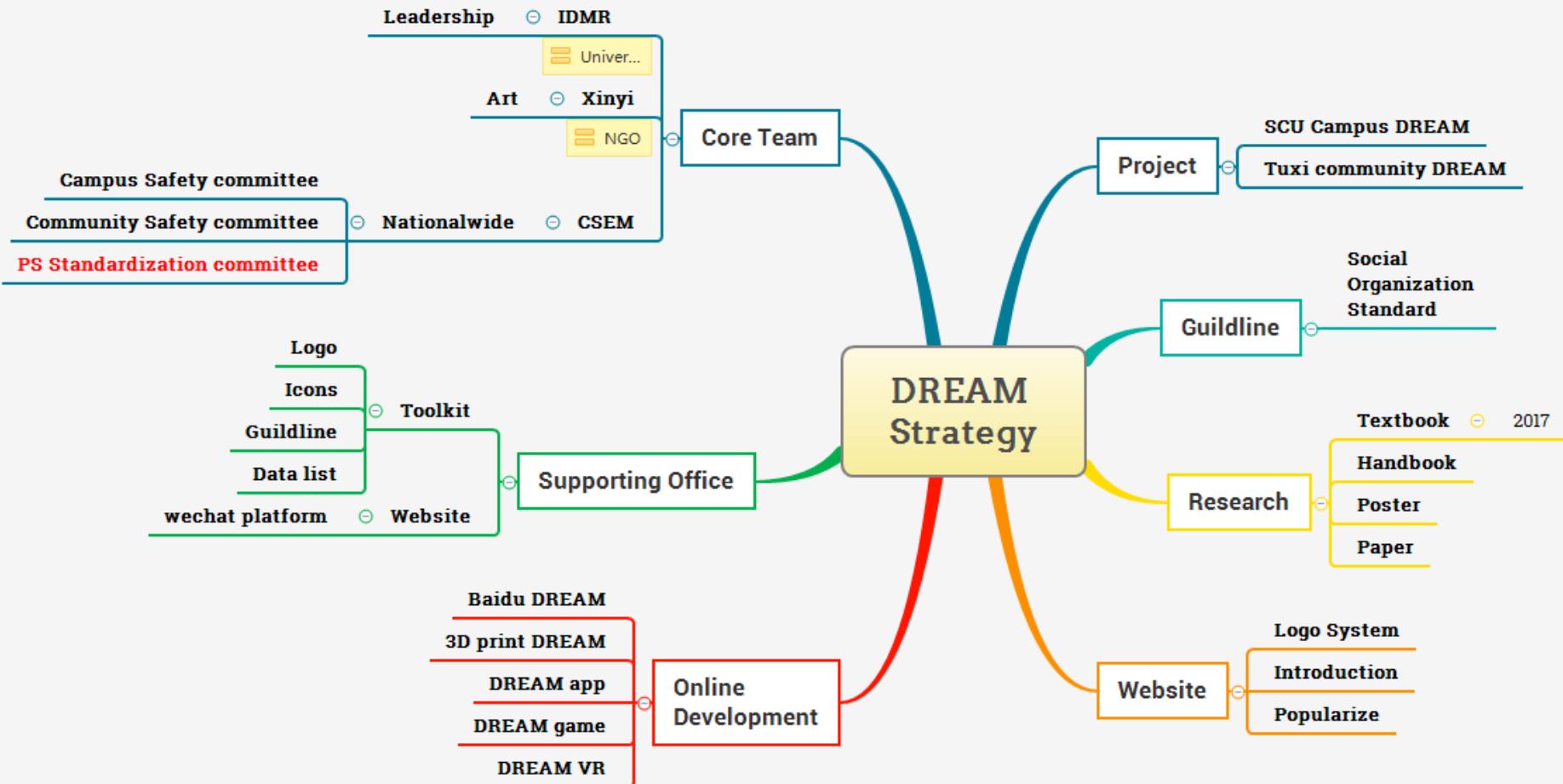
# 减灾生态艺术地图 创新与实践

田兵伟 主编著

四川美术出版社



# DREAM in the Future



# Developing a SL Course

**NAME:** DREAM Service Learning

**Duration:** 54h

**Credits:** 3 Credits

**Type:** Public selective

**Content:** GIS Maping, Green Development, GPS, Community Learning, Disaster Education, CBDRM, DREAM

**Place:** Campus, Community

**Result:** DREAM Map

**Book:** **Disaster Reduction Ecological Artistic Map**

**Innovation and Practice**

# Conclusion

Bring knowlegae and encourage student work together

- ◆ Art + Science + Participate  
for Campus safety and Disaster Education
- ◆ OBDRM = Community/ Campus Based Disaster Risk Management
- ◆ DREAM = Disaster Reduction Ecological Artistic Map
- ◆ University Campus + Community
  - 社区: Community or Campus based
  - 社工: Social Worker
  - 5社 团: Student Club
  - 社会组织: NGOs
  - 社会志愿者: Social Volunteer

**Disaster Education +DREAM = New Disaster Education**



Thank you  
Very Much !

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