

Welcome



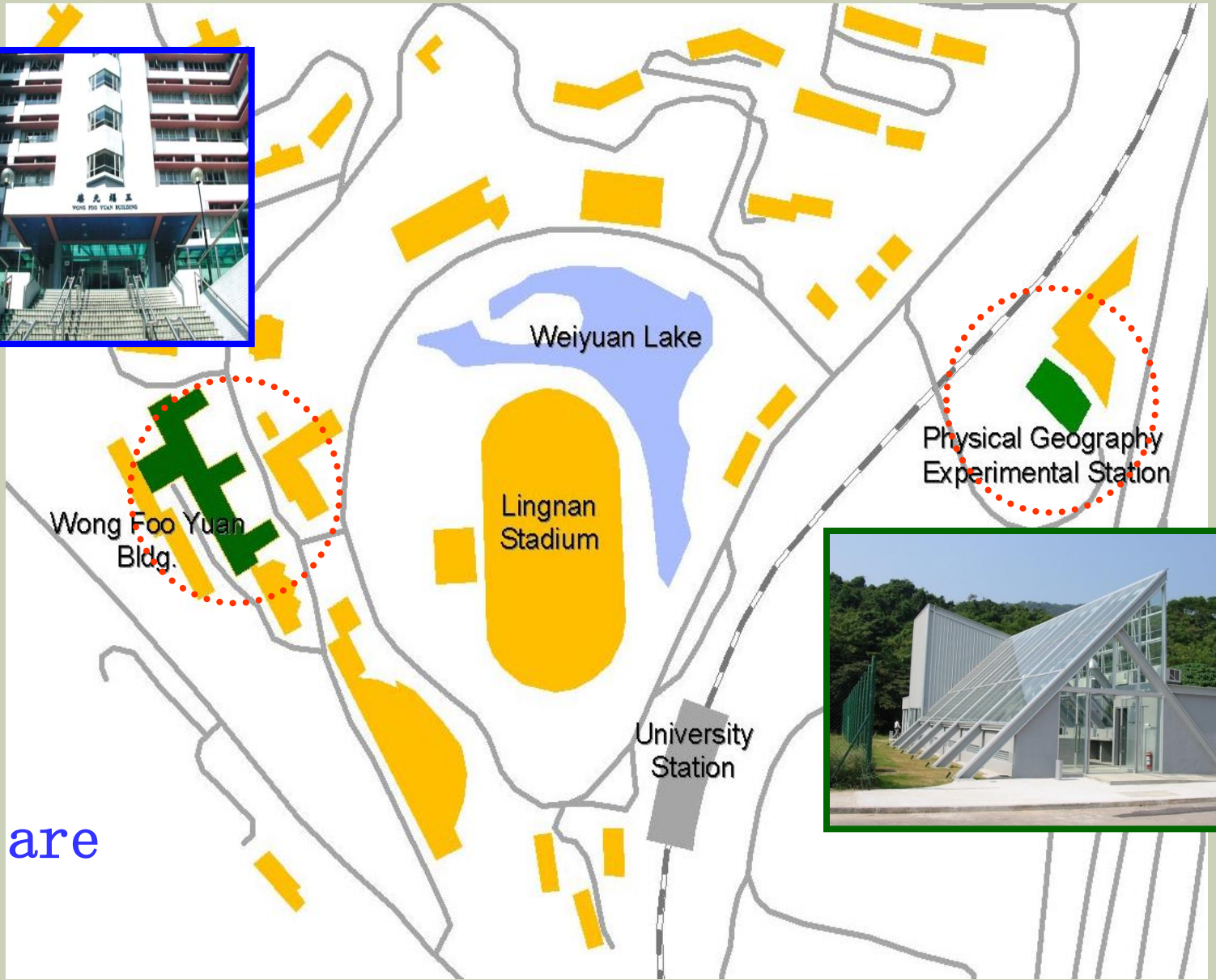
**DEPARTMENT OF GEOGRAPHY
AND RESOURCE MANAGEMENT**

地理与资源管理学系

(GRM)

**Academic
Counseling
Session
for Mainland
Students**

August 2020



Where are we?

TEACHING AND LEARNING TEAM

教学人员

■ 23 Full-time Academic Staff 教员

- 8 Professors
- 6 Associate Professors
- 2 Assistant Professors
- 1 Research Professor
- 1 Research Assistant Professor
- 2 Senior Lecturers
- 2 Lecturers
- 1 Professional Consultant

■ 11 Affiliated Members 附属成员

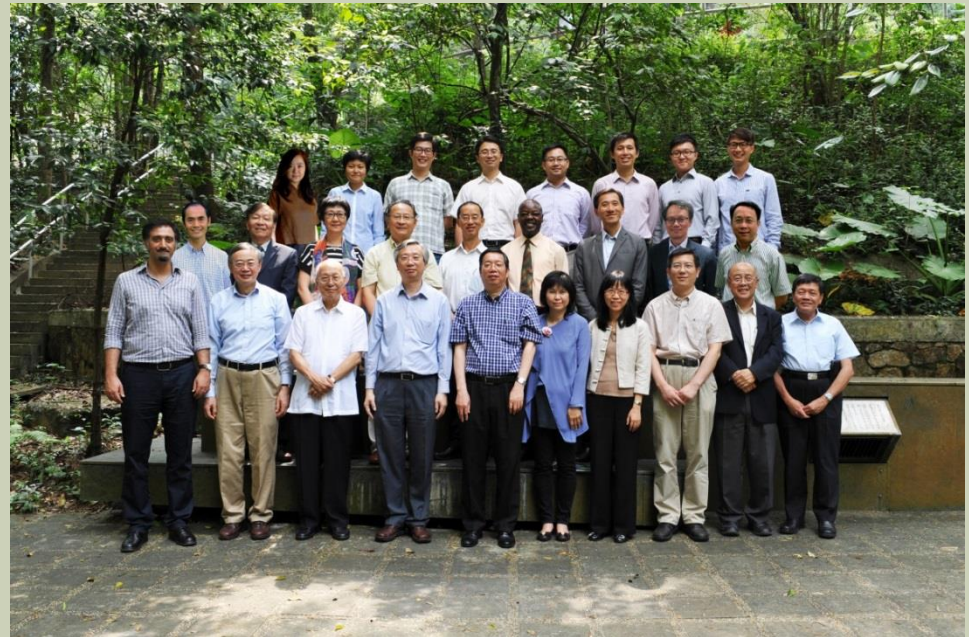
- 6 Adjunct Professors
- 1 Adjunct Associate Professor
- 1 Adjunct Assistant Professor
- 3 Emeritus Professors

■ 2 Teaching Assistants 教学助理

■ 43 Graduate Assistants 研究生助理

■ 334 Students 学生

- 209 undergraduate students
- 125 postgraduate students



TEACHING AND LEARNING TEAM

教学人员

- **Prof. Gabriel LAU 刘雅章教授**
 - an expert on climate change 气候变化研究专家
 - the Lead Author, Working Group I of IPCC report
- **Prof Jimmy LEUNG 梁焯辉教授**
 - former Director of Planning Department 香港特别行政区 前规划署署长
- **Prof LING Kar Kan 凌嘉勤教授**
 - former Director of Planning Department 香港特别行政区 前规划署署长
- **Prof. LAM Chiu Ying 林超英教授**
 - former Director of Hong Kong Observatory 香港天文台 前台署长



RESEARCH CENTRE AND INSTITUTES

(LEADERSHIP OF GRM COLLEAGUES)

本系教员领导的研究中心与研究所

Centre for Environmental Policy and Resource Management (CEPRM)

环境政策和资源管理研究中心 (Director: LAI Yuk Fo Derrick)

Institute of Environment, Energy and Sustainability (IEES)

环境、能源与可持续发展研究所 (Associate Director: FUNG Tung, Program Leader: XU Yuan, Advisor: Gabriel LAU)

Institute of Future Cities (IOFC)

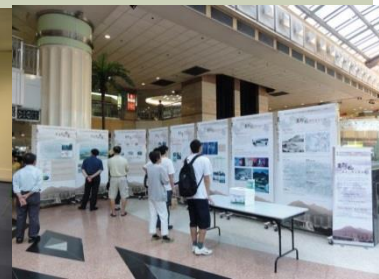
未来城市研究所 (Director: FUNG Tung, Associate Director: NG Mee Kam)

Institute of Space and Earth Information Science (ISEIS)

太空与地球信息科学研究所 (Director: Mei-Po KWAN, Associate Director: HUANG Bo)

Hong Kong Institute of Asia Pacific Studies (HKIAPS)

香港亚太研究所 (Associate Director: NG Mee Kam, Director of RCURD: SHEN Jianfa)



QUALITY TEACHING BASED ON RESEARCH AND PRACTICE

以优秀研究为基础的高质素教学

- Active research programmes supported by a variety of grants
 - RGC grants
 - Extensive sources of funding for research and consultancy
 - Research outputs published through different channels
- Staff involvement in public policy-making
 - Country and Marine Parks
 - Water supply and water resources
 - Town planning and urban transport
 - Environmental Protection Department
 - Hong Kong Observatory



QS World University Rankings for Geography 2020




2020年QS世界大学学科排名

Our department ranked **22nd** among the top 200 geography programmes around the world.

- Based upon academic reputation, employer reputation and research impact

本学科课程在全球前二百位地理学课程中排行**第二十二位**。



22		The Chinese University of Hong Kong (CUHK)	More	Hong Kong SAR
23		The University of Manchester	More	United Kingdom
24		Lund University	More	Sweden

<https://www.topuniversities.com>

GRM PROGRAMMES

本学系的学位课程

■ UGC-funded 教资会资助课程

- **Bachelor of Social Science in Geography and Resource Management**
地理与资源管理学社会科学学士
- **Bachelor of Social Science in Urban Studies (jointly with School of Architecture)**
- **M.Phil.-Ph.D. Programme**
 - Master of Philosophy (M.Phil.)
 - Doctor of Philosophy (Ph.D.)



■ Self-financed 自资课程

- **Master of Science in Geoinformation Science (jointly with ISEIS)**
- **Master of Social Science in Sustainable Tourism**



GRM Major Graduation Requirement 主修课程毕业要求

Complete at least **123 units** of courses including:

- (1) **Dept requirements 学系要求:** a minimum of **60 units** of GRMD courses, consisting of **10 required courses** of 24 units and **12 elective courses** of 36 units
- (2) **Faculty requirements 学院要求:** 3 FP courses of **9 units** offered by GRM and 2 other different depts/schools, including **GRMD1401 A World of Diversity 多元世界面面观**
- (3) **University requirements 大学要求:** **15 units** of language courses (English and Chinese), **1 unit** of IT foundation course, **21 units** of GE courses, and **2 units** of PE courses
- (4) **Remaining units 其余学分** in minor and/or elective courses of your own choice

Year 1

Foundation Course (required)
基礎課程 (必修)

Field Studies in Hong Kong
香港野外考察

Faculty Package Courses
學院課程科目

Year 2- Year 4

Major Required Courses
主修課程必修科目

Major Elective Courses
主修課程選修科目

Overseas Field Studies I & II
境外考察 I & II

Year 4

Capstone Final Year Thesis
畢業課論文

GRM Programme Requirements 学系要求

Major 主修

Complete a minimum of **60 units** of courses

5 required courses (15 units in total)

3 Field Studies courses (3 units in total)

- Field Studies in Hong Kong
- Overseas Field Studies I
- Overseas Field Studies II

2 Final Year Thesis courses (6 units in total)

- FYT I
- FYT II

12 elective courses (36 units in total)

Minor 副修

Complete a minimum of **18 units** of courses, among which at least 6 units are at 3000 level or above



CURRICULUM DESIGN AND CHARACTERISTICS 课程设计与特色

- **Foundation Course (Required) 基础课程(必修)**
 - **GRMD 1403 Resources, Society and Environment 资源、社会与环境**
- **Faculty Package Course (required) 学院课程科目(必修)**
 - **GRMD 1401 A World of Diversity 多元世界面面观**
- **Four Concentration Areas 专修范围**
 - 1. Geo-spatial Data Science 地理空间数据科学**
 - 2. Physical Environment and Resource Management 自然环境与资源管理**
 - 3. Urban and Regional Development 城市与区域发展**
 - 4. Smart Sustainable Cities 永续·智慧城市**

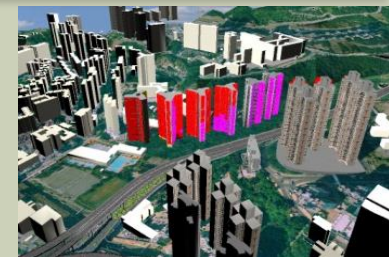
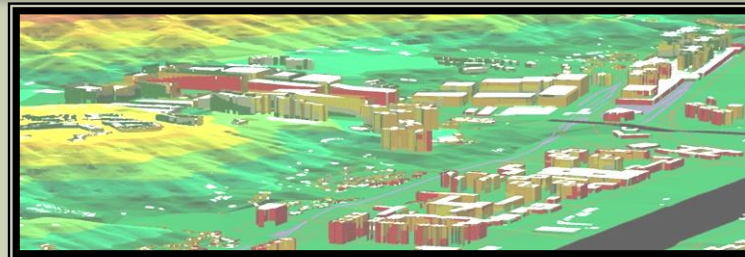


GEO-SPATIAL DATA SCIENCE

地理空间数据科学

Level 程度	Courses 科目
Level 2/3	GRMD2104 Remote Sensing of Environment 环境遥感 GRMD3104 Satellite Image Analysis 卫星图像分析 GRMD3106 Advanced GIS 高级地理信息系统 GRMD3108 Cartography and Geovisualization 地图学及地理信息可视化 GRMD3403 Methods for Resource Evaluation and Planning 资源评估与规划方法
Level 4/5	GRMD4101 GIS Workshop 地理信息系统工作坊 GRMD4502 Urban Big Data Analysis and Application 城市大数据分析及应用 GRMD5110 Statistical Applications in Geography 地理学统计应用

At least 1 course from GRMD2104 or 3106 + any other 3 courses
从以上科目选修四科，其中从GRMD2104或3106选修至少一科



PHYSICAL ENVIRONMENT AND RESOURCE MANAGEMENT 自然环境与资源管理

Level 程度	Courses 科目
Level 2/3	GRMD2209 <i>Physical Geology</i> 自然地质学
	GRMD2221 <i>Weather and Climate</i> 天气与气候
	GRMD2401 <i>Sustainable Development</i> 可持续发展
	GRMD2402 <i>Natural Resource Management</i> 自然资源管理
	GRMD2403 <i>Nature Conservation in Hong Kong</i> 自然保育在香港
	GRMD3202 <i>Environmental Management</i> 环境管理
	GRMD3203 <i>Urban Environmental Problems</i> 城市环境问题
	GRMD3205 <i>Geomorphology</i> 地貌学
	GRMD3209 <i>Soil Science</i> 土壤学
	GRMD3224 <i>Tourism Planning and Management</i> 旅游规划与管理
	GRMD3403 <i>Methods for Resource Evaluation and Planning</i> 资源评估与规划方法
GRMD3404 <i>Natural Hazards and Human Responses</i> 自然灾害与人类反应	
Level 4	GRMD4202 <i>Hydrology and Water Resources</i> 水文与水资源
	GRMD4203 <i>Ecosystem Restoration and Management</i> 生态系统修复及管理
	GRMD4204 <i>Environmental Planning and Assessment</i> 环境规划与评估
	GRMD4401 <i>Energy Resources</i> 能源资源

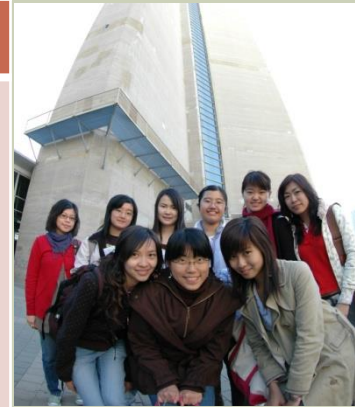
At least 1 course from GRMD3202 or 3205 + any other 3 courses
从以上科目选修四科，其中从GRMD3202或3205选修最少一科

URBAN AND REGIONAL DEVELOPMENT

城市与区域发展

Level 程度	Courses 科目
Level 2/3	GRMD2303 <i>Urban Geography</i> 城市地理学
	GRMD2321 <i>Economic Geography</i> 经济地理学
	GRMD2501 <i>Theory and Practice of Smart Cities</i> 智慧城市：理论与实践
	GRMD3302 <i>Population and Migration</i> 人口与迁移
	GRMD3304 <i>Cultural Geography</i> 文化地理学
	GRMD3305 <i>Transport Geography</i> 运输地理学
	GRMD3323 <i>Urban and Regional Planning</i> 城市与区域规划
Level 4	GRMD4302 <i>Urban Planning Workshop</i> 城市规划工作坊
	GRMD4402 <i>World Development</i> 世界发展透视
	GRMD4503 <i>Smart City Policies and Governance</i> 智慧城市政策与治理

At least 1 course from GRMD2321 or 3323 + any other 3 courses
从以上科目选修四科，其中从GRMD2321或3323选修最少一科



SMART SUSTAINABLE CITIES

永续·智慧城市

Level 程度	Courses 科目
Level 2/3	<p>GRMD2501 <i>Theory and Practice of Smart Cities</i> <i>智慧城市：理论与实践</i></p> <p>GRMD3106 <i>Advanced GIS</i> 高级地理信息系统</p> <p>GRMD3203 <i>Urban Environmental Problems</i> 城市环境问题</p> <p>URSP2800 <i>Urban Form, Sense of Place and Well-being</i> 城市面貌·地方感和身心社灵健康</p> <p>URSP2900 <i>Recommoning</i> 共有资产的再思</p> <p>URSP3600 <i>Designing Smart Cities</i> 设计智能城市</p>
Level 4	<p>GRMD4502 <i>Urban Big Data Analysis and Application</i> 城市大数据分析及应用</p> <p>GRMD4503 <i>Smart City Policies and Governance</i> 智慧城市政策与治理</p>

GRMD2501 + any other 3 courses

GRMD2501，及从以上科目选修三科

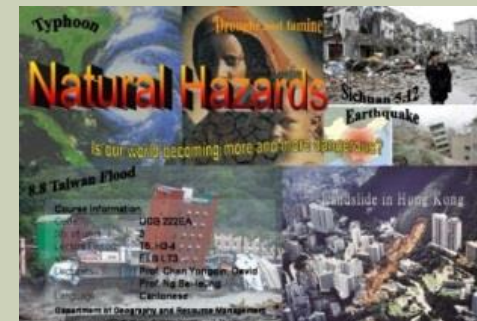
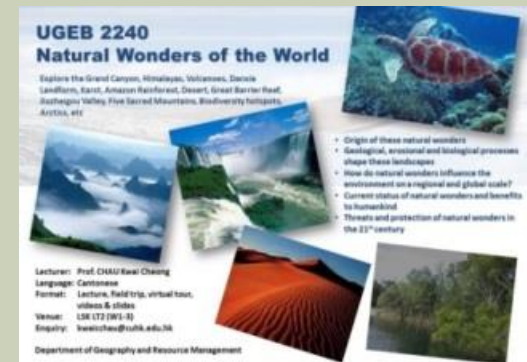
GRM Contribution to University General Education Programme 本学系提供的大学通识科目

I. University GE Courses - Chinese Cultural Heritage 中华文化遗产 (Area A)

- Understanding China Through Cultural Landscape 文化景观 探识中国

I. University GE Courses - Nature, Science and Technology 自然、科学与科技 (Area B)

- Nature Conservation in Hong Kong 自然保育在香港
- Climate, Energy and Life 气候、能源与生命
- Environmental Crises - China & the World 环境危机 - 中国与世界
- Earth as Seen from Space 从太空观地球
- China's Mega-Projects in the New Millennium 中国世纪工程
- Resource Issues in the Age of Globalization 全球化时代的资源问题
- Environmental Challenges in Hong Kong 香港环境的挑战
- Natural Hazards 自然灾害
- Natural Wonders of the World 世界自然奇观



GRM Contribution to University General Education Programme 本学系提供的大学通识科目

III. University GE Courses - Society and Culture

社会与文化 (Area C)

- Understanding Guangdong-Hong Kong-Macao Greater Bay Area 透视粤港澳大湾区
- Sustainable Development 可持续发展
- Understanding Ecotourism 生态旅游探索
- Pursuit of Ideal Living Environment 理想人居环境的追寻
- Food and Hunger 粮食与饥饿
- Discovering Africa: Environment, Society and Prospects 解读非洲：环境、社会与展望
- Decoding Cities 城市解码



UGEC 2210 Food and Hunger
糧食與饑餓

全球糧食問題:
• 你知道什麼是「食物系統」嗎?
• 為什麼世界上有人吃不飽, 但同時有人食物過剩?
• 全球糧食貿易是一個公平貿易嗎?

全球糧食生產:
• 有機食品真的有益嗎?
• 你有聽過綠色革命嗎?
• 你知道基因改造食物所衍生的問題是甚麼嗎?

中國糧食問題:
• 誰來養活中國十三億人口?
• 中國甜酸苦辣的區域分佈有規律嗎?

可持續糧食生產:
• 將來地球可供養多少人?
• 你會否擔心50年後的糧食問題?

2013-14 第二學期
講師: 黃葉芳博士
上課時間: T 7-9
上課地點: ELB LT2



UGEC 214E
Understanding Ecotourism
Forum, Video Session, Guest Speakers & Field Trips
✽ Instructor: Professor Lawal M Marafa ✽

Course Contents:
• Ecotourism & Nature-based Recreation
• The History of Ecotourism & the Environment
• Leisure, Tourism & Recreation: Their Trends & Significance in Society
• Biodiversity & Ecology in Hong Kong: The Country Parks & the Countryside
• Sustainable Ecotourism Resources: The Wetland Park
• General Impacts of Tourism: What are they & what can be done?
• Natural & Cultural Heritage: Their Role in the Society
• Governance for Sustainable Tourism
• Ecotourism in Hong Kong: Potential & Limitations
• Managing Ecotourism Resources
• Examples of Trends & Success of Ecotourism in China
• Marketing of Ecotourism

Time & Venue:
Monday M6
1:30pm - 2:15pm Cx8 LT3
Wednesday W7 8
2:30pm - 4:15pm Cx8 LT3

Contact Information:
Department of Geography & Resource Management
email: lmarafa@cuhk.edu.hk

GRM Contribution to College General Education Programme

本学系提供的书院通识科目

IV. College GE Courses

Shaw College

- Comprehending the City

Chung Chi College

- Senior Seminar
- Idea of a University

United College

- Senior Seminar

New Asia College

- Student-oriented Teaching
and Seminar (STOT)



TEACHING AND LEARNING ACTIVITIES

教学方式

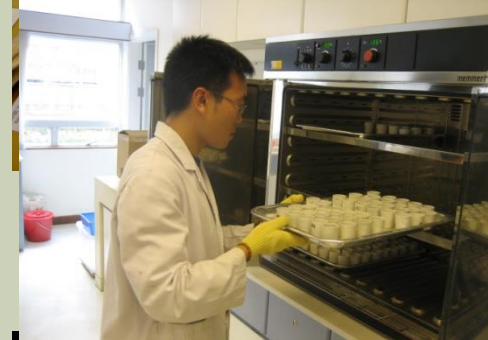
- Wide variety of learning activities
- Weaving theory with application
- Problem-based and issue-based
- Field-based and lab-based



LABORATORY FACILITIES

实验室设施

- GIS and Remote Sensing Lab
- Spatial Analysis and Intelligence Lab
- Soils and Geomorphology Lab
- Earth Resources Laboratory
- Environmental Lab
- Landscape Lab
- Hydrology and Climatology Lab



INTEGRATED PHYSICAL GEOGRAPHY EXPERIMENTAL STATION 自然地理实验站

- Air quality monitoring station
- Weather station
- Greenhouse
- Rainfall simulation laboratory



LOCAL FIELD STUDIES 本地考察 (FIELD CAMP & COURSE-BASED TRIPS)



NON-LOCAL FIELD TRIPS

境外考察

- Africa (2010)
- Australia (1996, 2002, 2005, 2008)
- Canada (2007)
- Europe (2009, 2013, 2016)
- Gansu (2006-2019 yearly)
- Guangxi (2001, 2005, 2008, 2012, 2015)
- Jiangxi (1996, 2008, 2010, 2012, 2014, 2016, 2018)
- Malaysia (2016)
- Pearl River Delta (1998, 2002, 2005, 2017)
- Shanghai (1998, 1999, 2003, 2006, 2009, 2013)
- Shanghai/Nanjing (2017)
- Silk Road (2004)
- Singapore/Malaysia (2004, 2006, 2011, 2015, 2019)
- Taiwan (2004, 2007, 2012, 2017)
- Thailand (2019)
- Three Gorges Region (2002, 2006, 2010, 2013, 2019)
- USA (2011, 2015, 2018)
- Xinjiang (1999, 2000)
- Yunnan (2011, 2014)
- **2020-2021: Japan, Malaysia, North America, Shanghai-Nanjing, Taiwan, Thailand, United Kingdom**



MENTORSHIP PROGRAMME

师承计划

- Launched since September 2001
- Professionals and alumni as mentors
- 1 mentor to 2-3 mentees of year 2+
- Informal education



INTERNSHIP PROGRAMME

实习计划

Partner government departments and private institutes in the past 3 years:
过去三年参与计划的机构名单 (包括政府部门和私人机构):

AECOM Asia Company Limited	Hong Kong In-media
Ambit Geospatial Solution Limited	Hong Kong Public Space Initiative
Business Environment Council Limited	Kadoorie Farm and Botanic Garden
Carbon Care Asia	Land Education Foundation Limited
Carbon Care InnoLab	Land Justice League
Creative Trend Company Limited	Liber Research Community (HK) Company Limited
Designing Hong Kong Limited	Pegasus Greenland Limited
Dimap HK Pty Limited	SEE Network Limited
Discovery Bay Golf Club	The Conservancy Association
Esri China (Hong Kong) Limited	The Hong Kong Countryside Foundation
Friends of the Earth (Hong Kong) Charity Limited	The Hong Kong Jockey Club
Geocarto International Centre Ltd.	The Jockey Club Kau Sai Chau Public Golf Course Limited
Green Sense	WWF Hong Kong

SCHOLARSHIPS AND AWARDS FOR STUDENTS MAJORING IN GRM (2020-21) (TENTATIVE) 2020-21年度奖学金及助学金的名单(暂定)

- CUGRMAA Research Scholarship 「中大地资系校友会研究奖学金」
- Dr. Tam Sai-wing Prize in Physical Geography 「谭世荣博士自然地理学奖」
- Dr. Tam Sai-wing Research Scholarship 「谭世荣博士研究奖学金」
- ESRI China (HK) Scholarship 「ESRI中国(香港)奖学金」
- Lam Chiu Ying Final Year Thesis Prize 「林超英毕业论文奖」
- Lam Chiu Ying Outstanding Student Award 「林超英优秀学生奖」
- Royal Geographical Society - Hong Kong Scholarship
「皇家地理学会香港奖学金」
- Leung Ping Chung Admission Scholarship 「梁秉聪入学奖学金」
- Vinda Environmental Conservation Scholarship 「维达环境保育奖学金」
- Lam Chiu Ying Bursaries 「林超英助学金」
- Mr. and Mrs. Guo Ziwen Bursaries 「郭梓文、江敏儿伉俪助学金」
- Vic Ho Bursaries 「何永恒助学金」
- Zhongjian Dongfang Gao's Scholarship for Resource Management Study
(for PGS only) 「中建东方高氏资源管理研究奖学金」(为研究生而设)

STAFF-STUDENT ACTIVITIES OF THE BIG GRM FAMILY 师生课外活动

Career Talk 职业讲座



Lunch Gathering 午餐聚会



Department Outing 师生大旅行



Graduation Banquet 毕业生晚宴

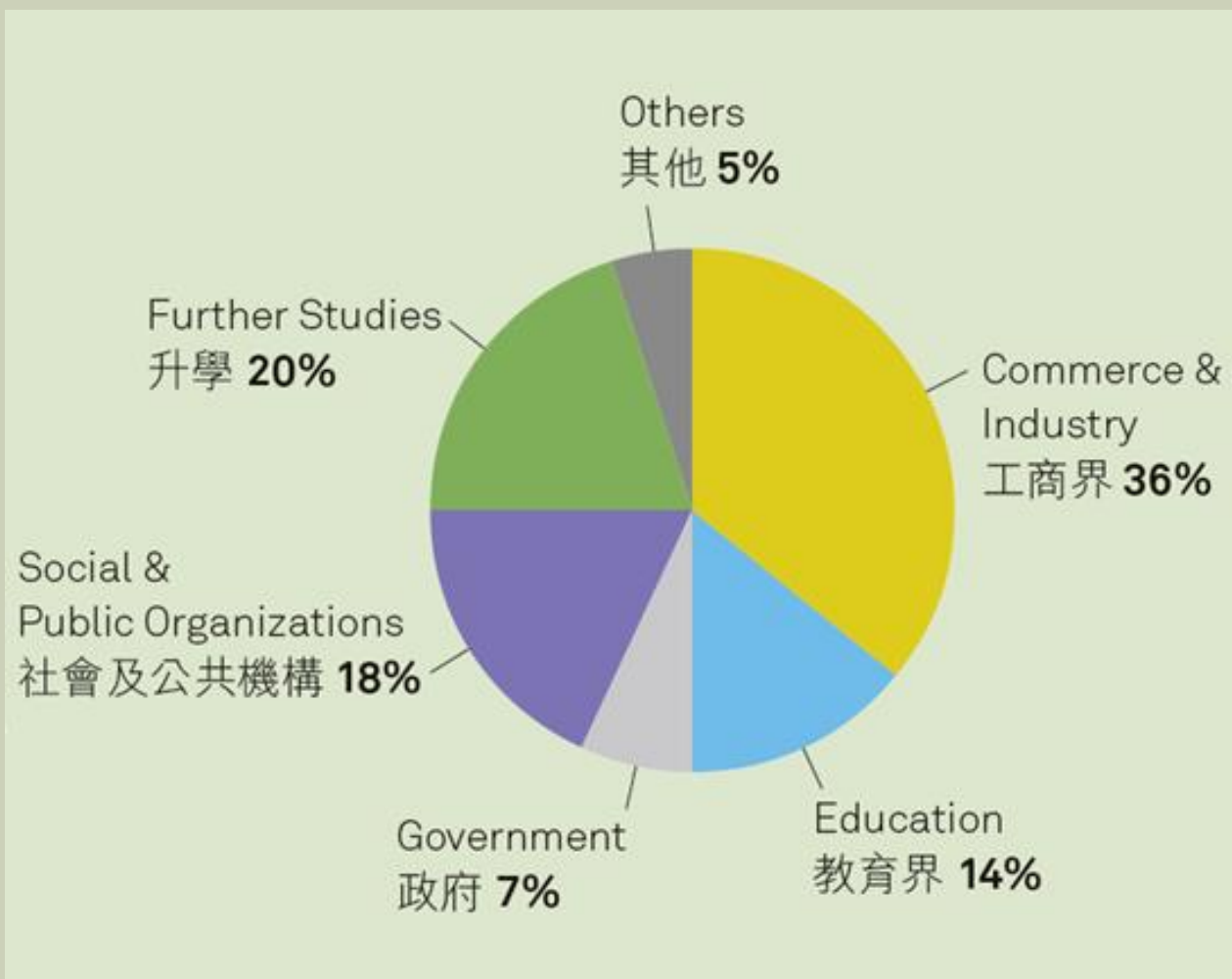


GRM Student Society 本系系会



EMPLOYMENT STATISTICS 2018

2018 年毕业生出路

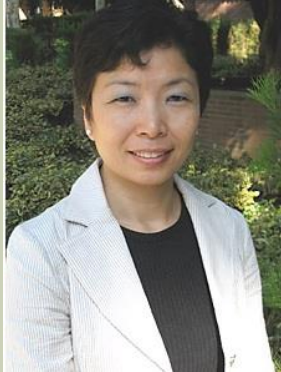


CAREER OPPORTUNITIES

毕业生可投身之行业

Categories	Industries / Positions
Professional	Town Planning Consultant, Environmental Consultant, GIS Analyst, Soil Resource Management
Education	Primary and Secondary School Teachers, School Principal, Professor/Lecturer
Civil Service	Administrative Officer, Executive Officer, Town Planner, Conservation Officer, Computer Cartographer, Police Inspector, Housing Officer, Education Officer, Fire Inspector, Assistant Curator
Commerce	Secretary/Executive Assistant, Human Resources Management, Marketing, Financial Consultant, Banking, Public Relations, Property Management, Estate Management, Insurance
Others	Radio Programme Officer, Reporter, Air Crew, Research Associate, Further Studies

Alumni 杰出校友



Prof. Cindy Fan

Vice Provost for International Studies and Global Engagement & Professor, UCLA

范芝芬

美国加州大学副校长及地理系教授



Mr. Kevin Lai

Principal Assistant Secretary (Narcotics) 1, Security Bureau, HKSAR Government

黎明暉

保安局首席助理秘书长(禁毒)1



Mr. F.C. Lo, JP

Chairman of FC Packaging Holding Limited

罗富昌 太平绅士

永富容器集团有限公司 主席



Prof. Kwan Mei-Po

Choh-Ming Li Professor of Geography and Director of Institute of Space and Earth Information Science, CUHK

关美宝

香港中文大学卓敏地理与资源管理学教授 及太空与地球信息科学研究所所长



Ms. Ngar Yuen-ngor

Senior Country Parks Officer Agriculture, Fisheries and Conservation Department, HKSAR Government

魏远娥

渔农自然护理署 高级林务主任

Visit our Website:

www.grm.cuhk.edu.hk

