



## 研究团队

## ■ 研究人员

## ■ 秘书职员

## ■ 兼职人员



黄金良

学院单位: 厦门大学环境与生态学院 副教授

研究方向: 土地利用变化; 流域监测与模拟; 地理信息技术在海岸带管理中的应用; 环境地

Email: [jlhuang@xmu.edu.cn](mailto:jlhuang@xmu.edu.cn)

Tel: 0592-2182175

## 个人简历

厦门大学工学博士 (2001-2004)

清华大学博士后 (2004-2007)

厦门大学 副教授 (2007-)

美国Clark大学地理系访问学者 (2009.10-2010.8)

美国特拉华大学地球、海洋与环境学院访问学者 (2010.8-2010.10)

## 教学课程

地理信息技术与数字地球 (本科生)

地理信息技术及其在海岸带管理中的应用 (研究生)

环境地理学: 原理、方法与实践 (研究生)

## 承担与参与的课题

- 1、流域-海洋水环境信息共享与应用工程建设(2011.10-2013.6). 福建四创软件公司, 主持
- 2、厦门园林植物园景观水池治理工程(2012). 厦门园林植物园, 主持
- 3、九龙江流域水质退化的不透水地表阈值效应研究(2012—2014). 中国科学院城市环境与健康重点实验室开放基金课题, 主持
- 4、中国主要入海河流域的河口分类与分区(2011.1-2012.12). 国家海洋局近岸海域生态环境重点实验室开放基金重点项目, 主持;
- 5、渤海近岸海域空间数据处理及分析(2011.4-2011.12). 国家海洋环境监测中心, 主持;
- 6、亚热带中尺度流域水质对土地利用/覆被变化的响应(2010.1-2012.12). 国家自然科学基金项目, 主持;
- 7、中国主要入海河流域-河口生态分区(2009.9-2010.5). 国家海洋环境监测中心, 主持;
- 8、九龙江流域土地利用覆盖变化与水质响应机制研究(2009.3-2011.12). 福建省自然科学基金, 主持;
- 9、城市降雨径流污染的特征识别与模拟研究(2007.7-2010.7), 福建省青年科技人才创新项目, 主持;
- 10、城市降雨径流模拟的不确定性分析方法研究(2008.1—2010.12), 国家自然科学基金项目, 第一合作单位主持;
- 11、渤海陆源非点源入海污染物总量评价(2009.4-2009.12), 国家海洋环境监测中心, 主持;
- 12、厦门九龙江北溪饮用水源安全保障科技支撑平台(2009.1-2011.12). 厦门市科技计划项目, 专题负责人(“江东库区水文水质时空变化规律”)
- 13、九龙江流域一河口一近海系统耦合变动及环境生态效应(2009-2012). 国家自然科学基金委重大国际合作研究项目, 专题负责人(“LUCC 域水质变化响应机制研究”);
- 14、我国近岸典型海域环境质量评价和环境容量研究(908-02-02-03)子专题-厦门湾海域环境质量评价和环境容量研究(2008-2011). 国家海洋908项目, 专题负责人(“陆源污染物负荷估算”);
- 15、环罗源湾区域环境保护规划(2007.6-2007.10). 福州市环保局项目, 参与, 专题负责人(“自然概况”与“水污染负荷”);
- 16、澳门城市降雨径流的计算机模拟(2005.1-2006.12). 澳门民政总署资助项目. 参与, 研究骨干;
- 17、九龙江流域农业非点源污染控制研究(2002.1-2004.12). 福建省科技重大攻关项目, 参与, 研究骨干.

## 论著

- (1) 期刊论文

1. Huang Jinliang, Zhang Zhenyu, Feng Yuan, Hong Huasheng. Hydrologic Sensitivity to Climate Change and Human Activities in a Subtropical Coastal Watershed of Southeast China. *Regional Environment Change*, 2013 DOI: 10.1007/s10113-013-0432-8
2. Huang Jinliang, Zhou Pei, Zhou Zengrong, Huang Yaling, Zhang Zhenyu, Huang Ling. Assessing the Influence of Land Use and Land Cover Datasets on Watershed Modeling in a Coastal Subtropical Watershed, Southeast China. *International Journal of Environmental Research and Public Health*, 2013, 10: 144-157
3. Huang Jinliang, Li Qingsheng, Pontius RG Jr, Hong Huasheng. Detecting the dynamic linkage of landscape characteristics and water quality in a subtropical watershed, Southeast China. *Environmental Management*, 2013, 51: 32-44
4. Huang Jinliang, Li Qingsheng, Huang Ling, Zhang Zhifeng, Mu Jingli, Huang Yaling. Watershed-scale Evaluation for Land-based Nonpoint Source nutrients management in the Bohai Sea Bay, China. *Ocean and Coastal Management*, 2013, 71: 314-325
5. Huang Jinliang, Li Qingsheng, Tu Zhenshun, Pan Canmin, Zhang Luoping, Ndokoye Pancras, Lin Jie, Hong Huasheng. Quantifying land based pollutant loads in coastal area with sparse data: methodology and application in China. *Ocean and Coastal Management*, 2012 DOI: 10.1016/j.ocecoaman.2012.07.011
6. Huang Jinliang, Lin Jie, Zhang Yuzhen, Hong Huasheng. Analysis of Phosphorus Concentration in a Subtropical River Basin in China: Implications for River Basin Management. *Ocean and Coastal Management*, 2012. DOI: 10.1016/j.ocecoaman.2012.09.016.
7. Huang Jinliang, Pontius RG Jr, Li Qingsheng, Zhang Yujia. Use of Intensity Analysis to Link Patterns with Processes of Land Change from 1986 to 2007 in a Coastal Watershed of Southeast China. *Applied Geography*, 2012, 34: 371—384
8. Huang Jinliang, Klemas Victor. Using Remote Sensing of Land Cover Changes in Coastal Watersheds to Predict Downstream Water Quality. *Journal of Coastal Research*, 2012, 28(4): 930-944
9. Huang Jinliang, Tu Zhenshun, Du Pengfei, Li Qingsheng, Lin Jie. Analysis of Rainfall Runoff Characteristics from a Subtropical Urban Lawn Catchment in Southeast China. *Frontier of Environmental Science & Engineering in China*, 2012, 6(4): 531-539.
10. Huang Jin-liang, Ho Man-him, Du Pengfei. Assessment of temporal and spatial variation of coastal water quality and source identification along Macau peninsula. *Stochastic Environmental Research and Risk Assessment*, 2011, 25(3): 353-361
11. Huang Jinliang, Hong Huasheng. Comparative study of two models to simulate diffuse nitrogen and phosphorus pollution in a medium sized watershed, Southeast of China. *Estuarine, Coastal and Shelf Science*, 2010, 86(3): 387-394.
12. Huang Jinliang, Tu Zhenshun, Du Pengfei, Lin Jie, Li Qingsheng. Uncertainties in Stormwater Runoff Data Collection from a Small Urban Catchment, Southeast China. *Journal of Environmental Sciences*, 2010, 22(11): 1703-1709
13. Huang Jinliang, Lin Jie, Tu Zhenshun. Detecting spatiotemporal change of land use and landscape pattern in a coastal gulf region, southeast of China. *Environment, Development and Sustainability*, 2010, 12(1): 35 - 48
14. Huang Jinliang, Tu Zhenshun, Lin Jie. Land use dynamics and landscape pattern change in a coastal gulf region, southeast China. *International Journal of Sustainable Development and World Ecology*, 2009, 16(1):61-66.
15. Huang Jinliang, Du Peng-fei, Ao Chitan, et al. Characterization of Surface Runoff from a Subtropics Urban Catchment. *Journal of Environmental Sciences*, 2007, 19(2):148-152.
16. Huang Jinliang, Du Peng-fei, Ao Chitan, et al. Multivariate Analysis for Stormwater Quality Characteristics Identification from Different Urban Surface Types in Macau. *Bulletin of Environmental Contamination and Toxicology*, 2007, 79: 650-654.
17. 黄金良, 黄玲, 慕景利, 张睿, 张志锋. 环渤海海岸带生态分区研究. *海洋环境科学*, 2012 (接收)
18. 黄金良, 黄亚铃, 李青生, 周增荣, 冯媛, 张祯宇. 流域水质时空分布特征及其影响因素初探. *环境科学*, 2012, 33(4): 78-87.
19. 黄金良, 李青生, 黄玲, 王菊英, 胡莹莹, 冯媛. 中国主要入海河流河口集水区的初步划分与分类. *生态学报*, 2012, 32(11): 3516-3527.
20. 黄金良, 林杰, 杜鹏飞. 城市降雨径流模拟的参数不确定性分析. *环境科学*, 2012, 33(7): 80-90.
21. 黄玲, 黄金良\*. 基于地表校正和河道烧录方法的环渤海地区河网提取. *地球信息科学学报*, 2012, 14(2): 171-177.
22. 黄金良, 李青生, 洪华生, 林杰. 九龙江流域土地利用/景观格局-水质的初步关联分析. *环境科学*. 2011, 32(1): 64-72
23. 孙芹芹, 黄金良\*, 洪华生, 李青生, 林杰, 冯媛. 基于流域尺度的农业用地景观-水质关联分析. *农业工程学报*, 2011, 27 (4) : 54-59
24. 孙芹芹, 黄金良\*, 洪华生, 冯媛. 九龙江流域城镇建设用地景观与河流水质关系研究. *环境科学*, 2011, 32(10): 33-38
25. 林杰, 黄金良\*, 杜鹏飞, 李青生. 城市降雨径流水文模拟的参数局部灵敏度及其稳定性分析. *环境科学*, 2010, 31(9): 2023-2028
26. 涂振顺, 黄金良\*, 张珞平, 等. 沿海港湾区域陆源污染物定量估算方法研究, *海洋环境科学*, 2009, 28(2): 202-207
27. 黄金良, 涂振顺, 杜鹏飞, 等. 城市绿地降雨径流污染特征对比研究-以澳门与厦门为例. *环境科学*, 2009, 30(12): 3514-3521.
28. 黄金良, 林杰, 张明锋, 等. 基于梯度分析的福建典型沿海港湾区域景观格局研究. *资源科学*, 2008, 30(11): 1760-1767
29. 黄金良, 杜鹏飞, 何万谦等. 城市降雨径流模拟的参数局部灵敏度分析. *中国环境科学*, 2007, 27(4): 549-553
30. 黄金良, 杜鹏飞, 欧志丹等. 澳门城市路面地表径流特征分析. *中国环境科学*, 2006, 26(4): 469-473
31. 黄金良, 杜鹏飞, 欧志丹等. 澳门城市小流域地表径流污染特征分析. *环境科学*, 2006, 27(9): 1753-1759
32. 黄金良, 杜鹏飞, 欧志丹等. 澳门屋面径流特征初步研究. *环境科学学报*, 2006, 26(7): 1076-1081
33. 洪华生, 黄金良, 张珞平等. AnnAGNPS模型在九龙江流域农业非点源污染的模拟应用. *环境科学*, 2005, 26(4): 63-68
34. 黄金良, 洪华生, 杜鹏飞, 张珞平. AnnAGNPS在九龙江典型小流域的适用性检验. *环境科学学报*, 2005, 25(8): 1135-1142
35. 黄金良, 洪华生, 张珞平等. 基于GIS和USLE的九龙江流域土壤侵蚀量预测研究. *水土保持学报*, 2004, 18(5): 75-79

(2) 会议论文

1. **Jinliang Huang**, Zhang Zhenyu, Hong Huasheng. Hydrologic Sensitivity to Climate and Land-use Change in a Subtropical Coastal Watershed of Southeast China. East Asian Seas Congress 2012, July 9th -13th, 2012, Changwon, Korea.
2. Ye Shen, **Jinliang Huang**, Hongyu Hu. Preliminary Study on Carbon Fluxes from Land Change in a Subtropical Watershed of China. 20 Second International Workshop on Earth Observation and Remote Sensing Applications (EORS2012), June 9th -11th, 2012, Shanghai, China
3. Yaling Huang, **Jinliang Huang**. Relationship Between Landscape Pattern and Water Quality in the Jiulong River Basin, Southeast China. International Symposium on Public Health and Environmental Protection (ISPHEP2012). May 28th -30th, 2012, Macau, China
4. **Jinliang Huang**, Yuan Feng, Ling Huang, Qinqin Sun. A Preliminary Study on Impervious Surface Area Dynamics and Water Quality

- Response at Watershed Scale. The 2011 1st IEEE International Conference on Spatial Data Mining and Geographical Knowledge Ser (ICSDM 2011), June 29-July1, 2011, Fuzhou, China (Oral presentation)
5. **Huang Jinliang**, Feng Yuan, Huang Ling. Urbanization and its impacts on water quality in a subtropical coastal watershed, southeast China. The 8th International Association of Landscape Ecology World Congress (IALE 2011). August 18-23, Beijing (Oral presentation)
  6. Zengrong Zhou, **Jinliang Huang\***, Junming Hong, Yaling Huang, Yuan Feng. Measuring Land-use Transition in Three Time Intervals: Case Study in Pinghe County, Southeast China. The International Conference on Remote Sensing, Environment and Transportation Engineering (RSETE2011). June 24-26, 2011 Nanjing, China
  7. Yuan Feng, **Jinliang Huang\***, Qinqin Sun, Qingsheng Li. Preliminary Study on Relationship between Urban Built-up Land and Water Qt in the Jiulong River Basin. The International Conference on Remote Sensing, Environment and Transportation Engineering (RSETE20 June 24-26, 2011 Nanjing, China .
  8. Ling Huang, **Jinliang Huang\***. Preliminary study on Urban Heat Island Effect in Xiamen during 2001-2007. The International Conferenc Remote Sensing, Environment and Transportation Engineering (RSETE2011). June 24-26, 2011 Nanjing, China (EI).
  9. **Jinliang Huang**, Qingsheng Li, Juying Wang, Yingying Hu, Jie Lin. Delineation of Watershed and Estuarine Drainage Areas for Major R Discharge into Coastal Waters in China. 2010 International Forum on Information Technology and Applications (IFITA2010). 16-18 July 2010, Kunming, China.
  10. **Huang Jinliang**, Li Qingsheng, Pontius R G Jr, et al. Linking Water Quality and Land Use/landscape Pattern in a Medium-sized Watersl Southeast China, Association of American Geographers (AAG) 2010 Annual Meeting, Washington, DC. April 14-18, 2010 (Oral Presentation)
  11. **Jinliang Huang**, Pengfei Du, Jie Lin, Zhiyi Li, Zhishi Wang. Stormwater Pollution in the Urban Environment of Beijing, Xiamen and Maca China: Implications for Stormwater Management. Urban Environmental Pollution: Overcoming Obstacles to Sustainability and Quality c Life (UEP2010). 20-23 June 2010, Boston, USA. (Poster presentation)
  12. **Huang Jinliang**, Pointius R G Jr, Li Qingsheng, Zhang Yujia. Acceleration of Land Transitions among Agriculture, Natural, and Built for 1986 to 2007 in a Subtropical Coastal Watershed, China. Global Land Project (GLP) Open Science Meeting 2010 - Land Systems, GI Change and Sustainability. Arizona State University, Tempe, Arizona, USA October 17-19, 2010. (Poster presentation)
  13. **Huang Jinliang**, Li Qingsheng, Hong Huasheng. Primary study on response of water quality to land use pattern in a medium-sized watershed, southeast of China. 2009 International Forum on Information Technology and Applications (IFITA 2009) Proceedings, IEEE Computer Society, 2009, 5. (Oral presentation)
  14. **Jinliang Huang**, Qingsheng Li, Zhenshun Tu, et al. Quantifying land-based pollutant loads in the coastal area with sparse data: methodology and application in China. The East Asian Seas Congress 2009, Malina, Phillipines 23-27 , Nov. 2009. (Oral presentation)