



基本信息



陈能汪 副教授

办公地点: [环境与生态学院大楼A408](#)

([办公室](#))

联系电话: [2182201](tel:2182201)

电子邮箱: nwchen@xmu.edu.cn

政治面貌: [群众](#)

详细资料 - 陈能汪 副教授

个人简历 Brief CV

- ⊘ 浙江大学博士后 (2006-2008)
- ⊘ 厦门大学助理教授 (2009)
- ⊘ 厦门大学副教授 (2009-)
- ⊘ 马里兰大学环境科学中心访问学者 (2011-2012)
- ⊘ PhD, Xiamen University (2006)
- ⊘ Post-Doctoral Scholar, Zhejiang University (2006-2008)
- ⊘ Assistant Professor, Xiamen University (2009)
- ⊘ Associate Professor, Xiamen University (2009-present)
- ⊘ Visiting Scholar, University of Maryland Center for Environmental Science (2011-2012)

研究方向 Research Interests

- ⊘ 环境过程分析; 营养盐生物地球化学; 河流生态; 流域生态系统评估与管理
- ⊘ Environmental Processes Analysis; Nutrient biogeochemistry; River ecology and eutrophication; watershed ecosystem valuation and management

代表性论文 Selected Publications

- ⊘ Chen NW, Wu JZ, Hong HS. 2012. Effect of storm events on riverine nitrogen dynamic in a subtropical watershed, southeastern China. *Science of the Total Environment*, 431: 357-365.
- ⊘ Chen NW, Hong HS. 2012. Integrated management of nutrients from the watershed to coast in the subtropical region. *Current Opinion in Environmental Sustainability*, 4(2):233-242.
- ⊘ Chen NW, Hong HS. 2011. Nitrogen export by surface runoff from a small agricultural watershed in southeast China: Seasonal pattern and primary mechanism. *Biogeochemistry*, 106(3):311-321.
- ⊘ Chen NW, Hong HS, Zhang LP, Cao WZ. 2008. Nitrogen sources and exports in an agricultural watershed in Southeast China. *Biogeochemistry*, 87(2): 169-179.
- ⊘ Chen NW, Li HC, Wang LH. 2009. A GIS-based approach for mapping direct use value of ecosystem services at county scale: management implications. *Ecological Economics*, 68(11): 1093-4529.

开设课程 Course Structure

- ⊘ 环境规划 (研究生)
- ⊘ 地学基础 (本科生)
- ⊘ 可持续发展进展 (研究生)
- ⊘ Environmental Planning (For graduate)
- ⊘ Progress of Sustainable Development (For graduate)

科研课题 Research Programmes

- ⊘ 梯级电站库区群甲藻水华爆发的“空间级联反应”机制; 中央科研业务费项目 (“校长基金”); 编号: 2012121053; 时间: 2011-2014; 主持
- ⊘ 亚热带典型河流-河口系统氮的反硝化过程与调控; 国家自然科学基金; 编号: 41076042; 时间: 2011-2013; 主持
- ⊘ 流域生态系统服务价值的空间评估技术; 福建省自然科学基金; 编号: 2010J05153; 时间: 2010.6-2012.6; 主

持

- ⦿ 福建省重点陆海界面污染物及通量动态监控系统研发；福建省海洋与渔业厅；时间：2011—2013；专题负责
- ⦿ 九龙江北溪饮用水源安全保障科技支撑平台；厦门市重大科技平台项目；编号：3502Z20091005；时间：2009-2012；专题负责
- ⦿ Spatial responsive mechanism of algal bloom in a cascade hydropower dam reservoir system. Fundamental Research Funds for the Central Universities (No. 2012121053). 2011-2014. Principal Investigator.
- ⦿ Denitrification process and controlling factors in a typical subtropical river-estuary system. National Natural Science Foundation of China (No. 41076042). 2011-2013. Principal Investigator.
- ⦿ Mapping and spatial valuation for watershed ecosystem services. Natural Science Foundation of Fujian Province (No. 2010J05153). 2010-2012. Principal Investigator.
- ⦿ Development of pollutants and flux dynamic monitoring system in main land-sea interface in Fujian province. 2011-2013. Co-PI (PI: Dr. HONG Huasheng).
- ⦿