项目背景

# 项目活动

# 目的和目标:

- 为全球生物多样性保护作出贡献:
- 支持鄱阳湖湿地资源可持续发展
- 提高当地研究机构对鄱阳湖湿地资源的监测和综合利用湿地生态资源的能力
- 发展和应用综合湿地生态资源利用途径和多部门多利益团体参与的研究方法;
- 湿地生态资源利用示范工程建设;

# 项目关注的几个重要方面:

- 保护湿地生态系统生物多样性和生态服务;
- 可再生能源开发 => 减排;
- 减少血吸虫病风险:
- 农村可持续发展;

# 项目区介绍

项目地点为江西省九江市都昌县都昌镇矶山乡王村、高村、张家塘,以及万户镇 刘仲村。妇女 40 岁以上基本在家主持家务,帮助农活和鱼塘的管理,男性群体 40 岁以上以从事农业、渔业、牧业养殖为主,青年群体多数外出打工,或在县 城工作。参加该项目的人群基本为项目实施地点的渔民,及部分牧民。







# 项目活动 1: 项目启动会和培训班

邀请了与鄱阳湖湿地资源可持续管理有关的机构、民间组织和团体, 决策者和专家参加。在会议期间,和地方参与组织、机构和团<mark>体建立起</mark>合作 伙伴关系。改进项目具体工作、研究方法、以及期望产出的结果和时间表。 详细明确项目合作单位的具体分工及实施计划。安排建立各个参会单位、机 构和部门间通过网络联络的合作和通讯交流关系。培训班的目的是能力建设。

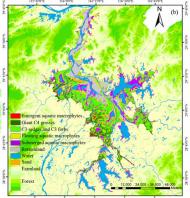


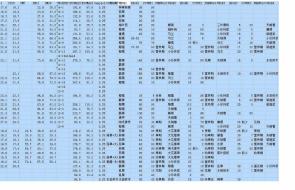


项目启动会蓝天环保社团培训

# 项目活动 2: 鄱阳湖地区湿地资源利用矛盾、胁迫及 风险信息数据收集、处理和合成

收集、分析及汇总了一系列人类活动及气候变化对鄱阳湖湿地资源的影响信 息数据:主要关注水位(干旱)、碳汇、湿地生态系统、候鸟栖息地、血吸虫 病风险。确认湿地资源面临的威胁,分析产生威胁的原因。



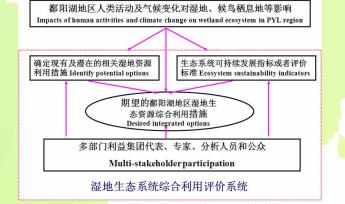


野外植被采样数据库

# 项目活动 3: 设计参与式湿地生态资源综合评估方法

项目活动

完成了参与式湿地生态资源综合评估方法设计:确认了湿地生态系统可持续性 指标;收集和汇总了一系列促进鄱阳湖地区农村可再生能源发展、增强湿地生 态功能、减小湿地生物<mark>多样性威胁的最佳措施</mark>



## 综合湿地生态系统利用评估研究框架

# 项目活动 4: 应用综合湿地资源管理评估方法

1) 完成了参与式湿地生态资源综合评估方法在研究区的应用: <mark>进行问卷调查,对各种不</mark>同类型<mark>的</mark>对策措施进行系统性评估,评估过程以可 <mark>. 持续性指标作为衡量</mark>标准,<mark>包括生</mark>物多样性保护、农村生计改善、生态环境 质量及社会可接受性等,并从中找出较为满意的发展目标或对策方法来。

2) 确认减小湿地生物多样性威胁的最佳措施,提出为地区多利益相关团体接受 的湿<mark>地生态资源</mark>利用的有效或满意的措施。在确定最佳措施的基础上实施示 范工程。

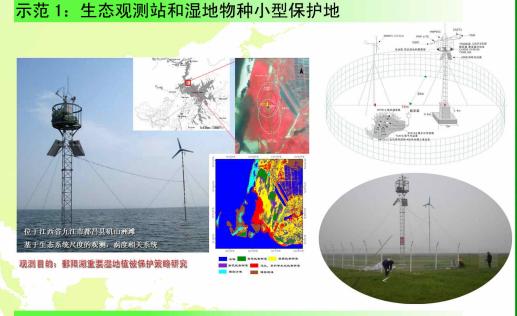






项目负责人进行社会调查

项目示范



# 湿地生态区村庄安全用水水塘建设



示范 3: 村小学沼气池工程



示范 4: 设立围栏轮牧区





# Climate change

# 联合国开发计划署 全球环境基金小额赠款(SGP)

鄱阳湖地区综合湿地资源管理项目

The Global Environment Facility / Small Grands Programme Integrated wetland resources management in Poyang Lake









**BACKGROUND** 

biodiversity sustainability;

assessment (PIA) approach;

use plans and effective practices.

Major concerns of the project:

- Community livelihood improvement.

- Biodiversity and ecosystem service conservation; - Rural renewable energy use=> emission reduction;

- Schistosomiasis disease infection risk reduction:

-Contribution to the global biodiversity conservation;

- Improvement of co-benefits of wetland ecosystem sustainability;

- Capacity building through deliberative processes to ensure international important wetland

- Development and application of interdisciplinary methods with a participatory integrated

- Implementation of pilot projects with local communities to showcase integrated wetland resource

# **ACTIVITIES**

# Activity 1: The inception and training workshop

Local community representatives, NGOs, and relevant stakeholders were invited: 1) identified current status, trends and priorities in wetland biodiversity ecosystem; 2) engaged key players from the participants and established a research network; 3) finalized the overall partnership

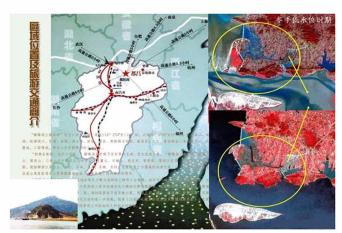






# **PROJECT AREA**

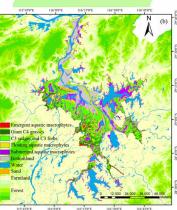
The study region is well known for its fish and rice production from the history. The total area of Duchang County is about 2669.5 km2 among which 41,631 ha are arable land. The total population is 783000 people. Most young farmers are doing off farm works outside the region.





# Activity 2: Collect Data on wetland resources

Various data sets from different sectors including wetland, water resources, migratory birds habitat, and infectious disease were collected and analyzed. To handle a variety of sources containing both spatial and non-spatial data, GIS and spatial analysis tools were used to establish

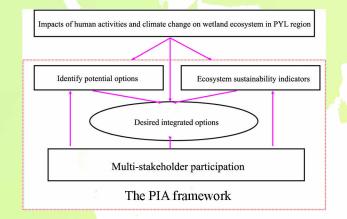


Remotely sensed based vegetation

Vegetation field sampling database

# Activity 3:Design a participatory integrated approach (PIA)

Completed the design of a participatory integrated approach for wetland ecosystem resource management (a report was submitted to the GEF/SGP National Office); Identified wetland ecosystem sustainability indicators; and Compiled a list of best practices in integrated wetland resource strategy for project delivery and implementation; and 4) conducted a training course for capacity management in project area for promoting rural renewable energy use, wetland ecosystem service protection and wetland biodiversity conservation.



# Activity 4: Application of the PIA approach

- 1) Applied the participatory integrated approach (PIA) for wetland ecosystem resource management in the region;
- Conducted rural household survey;
- 2) Identified a list of best practices in integrated wetland resource management in project area for implementation in the study region as pilot projects.



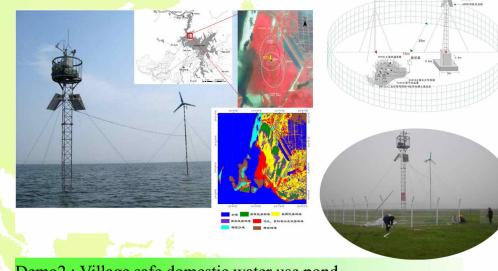
**ACTIVITIES** 

Expert consultation



# Demo1: Wetland ecosystem monitoring station

**DEMO PROJECTS** 



emo2: Village safe domestic water use pond



Demo3: A village school methane biogas generat



Demo4: A fenced rotation grazing area

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Climate change

# The Global Environment Facility / **Small Grands Programme**

Integrated wetland resources management in Poyang Lake





