

The Fish Sanctuary of Surabaya River

Objective



Promotion for Fisheries sanctuary area to protect our last river

The main purpose of this project is to establish Indonesia's first fish protected in a river section – the Fish Sanctuary of Surabaya River. The sanctuary will preserve an lower section of Surabaya River, one of Indonesia's larger rivers and

home to a diverse fish population. The project activities aim to protect fish habitat along the river bank and preserve riverbank functions as wildlife habitat, ground water recharge area, maintain hydrological cycle, absorb pollutants, prevent sedimentation, reduce floods, and maintain the climate. In addition, the sanctuary will serve as a unique community learning and will provide on-going education programs and campaigns to reduce control fishing activities and end illegal fishing practices, such as using toxic chemicals or electricity.

*Fish is an important food source for local community and serve as excellent indicators of river degradation. In 2009, ECOTON conducted a survey on fish diversity of Brantas River and found 35 species of edible fish, include endangered fish species *Notopterus notopterus*. In 2011 ECOTON found only 30 species, so we didn't find 5 fish species compare to 2009 survey. To prevent further decline in fish populations, ECOTON will establish the Wringinanom Fish Sanctuary. The sanctuary will provide important fish habitat and create a venue for environmental education activities. ECOTON also anticipates other direct benefits from the sanctuary and riparian habitat restoration, including: reduction of illegal fishing, restored watershed and riverbank functions, prevention of sedimentation, and flood prevention.*

Outcome

1. Multi-stakeholder agreement to Support Establishment of Fish Sanctuary Area

- a. 7 Industries along Surabaya River, namely PT Alu Aksara pratama, PT Arwana, PT Mount Dream Indonesia, PT Surabaya Agung Kertas Tbk, PT Adiprima Suraprinta, PT Suparma Tbk, PT Wings Surya has been declared

their commitment to support establishment of fish sanctuary area and agree to prevent water pollution from industrial activity in Surabaya River

- b. 4 Village/local government in 4 surrounded villages, namely Wringinanom, Sumberame, Penambangan, and Bogem pinggir committed to participate in development of fish sanctuary area
 - c. 7 schools in Wringinanom and Driyorejo District, namely SMAN 1 Wringinanom, SMPN 1 Wringinanom, SMPN 2 Wringinanom, SMKN 1 Driyorejo, SD Muhammadiyah 1 Wringinanom, SMAN 1 Driyorejo, SD alami Driyorejo declared their commitment to be involved in developing fish sanctuary area
2. Rehabilitation program from Perum Jasa Tirta in 2013 Jasa Tirta Planted 5000 tree around Fisheries Sanctuary Area riparian
 3. Launching of Surabaya River Fisheries Sanctuary Area as information centre for Fish Conservation in Surabaya River, provide brochure, documentary Movie, leaflet and poster about Fisheries Sanctuary Area available for public.
 4. Student Club for Fish Conservation. The member of this club is come from 7 schools with more than 350 member of student. They involved in river clean-up program, river monitoring and tree planting on the riverbank regularly.

2. Governmental policy supports

- a. Deputy for Public Awareness, Ministry of Environment Republic of Indonesia. The Fish sanctuary project is used as a national model for Watershed Rehabilitation in Indonesia dan pointed ECOTON as national coordinator for NGO collaboration for watershed conservation in Indonesia
- b. *Division of Environmental Conservation and Restoration*, Environmental Protection Agency East Java Province created a consultative board for establishment of Fish Sanctuary in Surabaya River consist of related authorities, NGO in fish conservation and watershed management
- c. *Vice Mayor of Gresik Regency support establishment of Fish Sanctuary of Surabaya River* and encourage youth and school students in Wringinanom Distric to join with ecoton program for riverine habitat restoration and biodiversity conservation in fish sanctuary area

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| Photo – No.1 | Photo – No.2 |
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| <p>Ecological feasibility Study for establishment of fish sanctuary area in surabaya river</p> | <p>Seminar for promote the fish sanctuary and publish on river degradation</p> |
| Photo – No.3 | Photo – No.4 |
|  |  |
| <p>Awareness campaign Fish Sanctuary Area at SMPN 1 Wringinanom</p> | <p>Students from East Java Chrastian Church Association learn fish conservation at ECOTON office</p> |
| Photo – No.5 | Photo – No.6 |
|  |  |
| <p>The launching of Fish Sanctuary Area of Surabaya River attended by Vice Mayor of Gresik Regency and US Consulate of Surabaya and school students from Wringinanom and Driyorejo District</p> | <p>US Consulate of Surabaya and Vice Mayor of Gresik Regency with ECOTONs Director released a soft shell turtle <i>Amyda cartilaginea</i> into Surabaya River</p> |

Attachment 1. Photographs



Fisheries Sanctuary Area going to Ciliwung river (Indonesia capitals river). Meeting with Jakarta's NGO



As

NGO's National Meeting held at ecoton office 13-15 MARCH 2013 Discussed on watershed rehabilitation and fisheries sanctuary area chosen as national model for watershed rehabilitation



As Speaker on Waterdays with Mrs Erna Witoelar Former Ministry of Public Work



in front of Kediri Mayor and vice mayor of Nganjuk City | explanation about river potential as FISH SANCTUARY