

**ATSA**



# Roads and Fish Conservation



**Let Roads Conserve Fish  
More frogs, shrimp and snails  
Create Better Environment  
Create Fish Sanctuaries  
Let Everyone Eat Fish**

**An ATSP "Agriculture Productivity" Services Opportunity**

# Roads and Fish Conservation

## Services Overview

The objective of this ATSA service is to use roads to enhance natural fisheries by introducing fisheries planning programs into the road building process and making adjustments to current road systems to allow for better fisheries. This is a community approach where ATSA Associates will work with community groups to analyze the current fisheries habitats in the community and road systems to best enhance natural fisheries. Community supported and implemented plans form the basis of the outputs. The success of the plans depend on local government support (financial) for structural changes in road and community fisheries management plans. This may be combined with wild fisheries enhancement activities (see other ATSA Services).



## Training Agenda Topics

- Developing local aquatic maps and inventories of local aquatic organisms
- Review of historic fish population levels and changes over time, constrains and harvesting practices
- Habitat and ecological needs of various aquatic species
- Options for changes to roads and fields to enhance populations of aquatic organisms
- Community planning processes and local government

## ATSA Training Personnel

Services are provided by a network of more than 500 District-based expert trainers with many years experience supported by Department of Fisheries and other experts in aquaculture and fisheries. They are provided technical and training backup by central ATSA staff with contacts to fisheries expertise throughout the region and IUCN to help tailor and update course content.

## Expected Outputs

1. 50-300% increase in fish populations
2. 100-300% increase in other aquatic organism populations such as frogs, snails and shrimp
3. Improved understanding of field ecology
4. Understanding of habitat needs of aquatic organisms
5. Community plans to increase wild fish populations

## Costs

Cost per community for intensive year-long program is \$600. Courses can be revised to local budget and time considerations.

## Contacts

**Agriculture Technology  
Services Association**  
No. 14, Monireth Blvd,  
Sangkat Toul Svay Prey II,  
Khan Chamkar Morn,  
Phnom Penh, Cambodia.  
POB 2483, Tel/Fax: (855) 23 720 485  
E-mail: [ATSAkh@online.com.kh](mailto:ATSAkh@online.com.kh)

