



The Regional Training Workshop
Economic Valuation of the Goods and Services of Coastal Habitats
March 24 – 28, 2008
Samut Songkram Province, Thailand



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GROUP 1

Socio-Economic Impacts

- **Cost of fishing operations increased**
 - From B100 to B200 per person per day
- **Increased opportunity cost in terms of time and energy**
- **Change in energy consumption – from gas to charcoal**
- **Increased demand for charcoal**

Goods and Services



- **Direct use value**
 - Fish; mollusc; timber
 - Eco-tourism; education and research
- **Indirect use value**
 - Water pollution absorption
 - Storm protection
 - Fish breeding and nursery ground
- **Non-use value**
 - Biodiversity

Recommended Valuation Techniques

- Market value
- Travel cost method
- Replacement cost
- Value of lost production for fisheries
- Contingent Valuation Method

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Dr. Wallapak Polasub

Data Needed

- **Market price**
- **Visitor survey**
- **Length of the coastline protected**
- **Answers to valuation questions from survey/bidding game technique/dichotomous choice**

Policy Recommendation

- Fuel subsidy
- Scientific support for biodiversity improvement
- Adopt as a National policy - mangrove protection and conservation

