
FAO/NORWAY GOVERNMENT COOPERATIVE PROGRAMME – GCP/INT/648/NOR⁸⁰
REGIONAL WORKSHOP ON
FISHERIES MONITORING, CONTROL AND SURVEILLANCE
Kuala Lumpur and Kuala Terengganu, Malaysia, 29 June – 3 July 1998

INFORMATION SYSTEMS FOR MCS

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These notes cover:

- ∓The importance of information support for MCS
- ∓Mapping information flows in fisheries
- ∓Implementation of an information system

THE IMPORTANCE OF INFORMATION SUPPORT FOR MCS

Based on

- ∓the FAO *Code of Conduct for Responsible Fisheries* and
- ∓the *Precautionary Approach to Fisheries*

Conservation and management measures to avoid:

- ∓Overexploitation
- ∓Overcapacity
- ∓Loss of biodiversity
- ∓Major physical disturbances
- ∓Social and/or economic dislocation

Require the following:

80. Programme of Assistance to developing countries for the implementation of the *Code of Conduct for Responsible Fisheries* – Sub-programme C: Assistance to developing countries for upgrading their capabilities in monitoring, control and surveillance (MCS)

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1. THE BEST SCIENTIFIC EVIDENCE AVAILABLE

- ∅ Current status
 - ∅ Costs, benefits and consequences of management actions
 - ∅ Operational targets and constraints
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2. COMPLETE, ACCURATE, RELIABLE AND TIMELY DATA

- ∅ Catch and effort
 - ∅ By-catch
 - ∅ Discards
 - ∅ Waste
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3. SOUND DATA ANALYSIS

- ∅ Data verification
 - ∅ Scientific basis
 - ∅ Accounting for uncertainty
 - ∅ Data confidentiality
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4. PROMOTION OF RESEARCH

- ∅ Resources
 - ∅ Climate
 - ∅ Environment
 - ∅ Social and economic factors
 - ∅ Institutional issues
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5. SUB-REGIONAL AND REGIONAL FISHERY MANAGEMENT

Member's obligation to provide supporting data

∅Agreed format

∅Timely submission

Regional organization to compile data

∅Agreed format

∅Timely availability

∅Confidentiality

Intra-regional exchange of data

Data and information flows in fisheries



