

# **ECOLOGICAL RISK ASSESSMENT RESULTS (ERA) - NAMIBIA**

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# ERA –Methodology

1. Identification of risks or issues
2. Prioritization of these risks or issues
  - Consequence & likelihood
3. Development of performance reports framework
  - Describe management response require

# EAF objective

1. Good understanding of ecosystem impacts
2. Ecosystem impacts are incorporated into management advice
3. The social wellbeing of dependent fishing communities is accounted for in management advice
4. The economic wellbeing of fishing industry is ensured
5. Transparent and participatory management structures exist
6. Management plans incorporate EAF considerations
7. Good compliance to regulations
8. Sufficient capacity, skills, equipment and funding
9. Good data procedures exist to support EAF implementation
10. External impacts on fisheries are addressed (e.g. the effect of other sectors, other industries, climate change etc)

# ERA Methodology

ICES Journal of Marine Science, 62: 1576–1587 (2005)  
doi:10.1016/j.jicesjms.2005.06.005

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)



## The application of qualitative risk assessment methodology to prioritize issues for fisheries management

W. J. Fletcher

Fletcher, W. J. 2005. The application of qualitative risk assessment methodology to



Contents lists available at [ScienceDirect](http://ScienceDirect)

Marine Policy

journal homepage: [www.elsevier.com/locate/marpol](http://www.elsevier.com/locate/marpol)



## EAF implementation in Southern Africa: Lessons learnt

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## **ERA: BCC project - Namibia**

- ERA for 6 fisheries in Namibia
- More than 250 participants
  - Management authorities
  - Industry representatives
  - Research institutes
  - MCS
  - NGOs
- Identified more than 700 issues

# Hake ERA Review 2013

- **Objective 2: Ecosystem impacts of fisheries are included into management advice**
  - Data management systems only address single species needs not EAF issues.
- **Objective 3: The social wellbeing of dependent fishing communities is accounted for in management advice**
  - No regular structural communication between fisheries and other line ministries for collaborations on issues of poverty alleviation, basic education and primary health care.
  - A need for social scientists in MFMR structure

# Hake ERA continued.

- **Objective 4: The economic wellbeing of the fishing industry is maintained**
  - A lack of understanding of the EAF by the fishing industry
- **Objective 7: Compliance to regulations reduces ecosystem impacts of fisheries**
  - Penalties were found to be inadequate.
- **Objective 9: Good data procedures exist to support EAF implementation**
  - Logbooks and observer data protocols only address single species needs and do not consider EAF issues.

# Line fish ERA 2013

- **Objective 2: Ecosystem impacts of fisheries are included into management advice.**
  - Low research and enforcement capacity.
- **Objective 7: Good compliance to regulations reduces ecosystem impacts of fisheries**
  - Low fines
- **Objective 8: Sufficient capacity, skills, equipment and funding exist to support the implementation of an EAF.**
  - EAF research need not understood.



## Line fish ERA - continued

- **Objective 9: Good data procedures exist to support EAF implementation.**
  - Data collecting protocols only cover single species issues.
- **Objective 10: External impacts of fisheries are addressed (e.g. the effect of other sectors, other industries, climate change etc.)**
  - The effect of industries (e.g. mining) on the fishery is not well understood.
  - There is no good understanding of the effects of social drivers such as diseases, especially HIV/AIDS.

# Way forward...!

- ERA needs to be institutionalized
  - Shortcomings identified through the ERA process need to be addressed.
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- **THANK YOU**