

IORA Sustainable Development Programme (ISDP)

## "IORA Trainer's training programme on Marine Aquaculture"

Date: 2-3 May, 2016

Antananarivo, Madagascar

Draft Agenda

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### DAY 1 – 02 May 2016

TIME	EVENT
0830 – 0900	Arrival and Registration of Participants
<b>INAUGURATION</b>	
0900 – 0930	<b>Opening Remarks by:</b> Madagascar (Host)  <b>Remarks by:</b> <ul style="list-style-type: none"><li>- IORA Secretariat (5 minutes)</li></ul> <b>Keynote Address and Inauguration by:</b> <ul style="list-style-type: none"><li>- The Ministry of Halieutic Resources and Fishery, Madagascar</li></ul>
0930 - 0945	<b>Group Photo followed by COFFEE BREAK</b>
0945 - 0950	Outline of Arrangements & Adoption of Agenda
TIME	SESSIONS (Presentation/ Video demonstration)
0950 - 1140	<b>Session 1:</b> The Status of Aquaculture in the Indian Ocean region: Best practices in IORA Member States  <b>Chaired by:</b> Ms Mukti Sri Hastuti, Head of Sub Directorate Pest and Fish Diseases and Head of Fish Health and Environment, Ministry of Marine Affairs and Fisheries, Indonesia  <b>Speakers - 20 minutes Presentation/ Video demonstration per speaker</b> <ol style="list-style-type: none"><li>1. <b>Mr John Foord</b>, Environmental Officer Specialised Production: Sustainable Aquaculture Management, Department of Agriculture, Forestry and Fisheries, South Africa</li><li>2. <b>Mr. P. N. Chandraratne</b>, Director General, National Aquaculture Development Authority (NAQDA), Sri Lanka</li><li>3. <b>Mr. Nasiruddin Md. Humayun</b>, Director (Marine), Department of Fisheries, Bangladesh</li><li>4. <b>Mrs Veronica Alphonse-Uzice</b>, Senior Aquaculture Officer, Seychelles Fishing Authority, Seychelles</li></ol>

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**Discussion Session (30 minutes)**

1140 - 1310

**Session 2:** Hatcheries and Aquaculture systems.

**Chaired by:** Mrs Zafitsara Elysette, Cadre D'appui à la Direction Générale de l'Ecologie, Madagascar

**Speakers - 20 minutes Presentation/ Video demonstration per speaker**

1. **Ms Mukti Sri Hastuti**, Head of Sub Directorate Pest and Fish Diseases and Head of Fish Health and Environment, Ministry of Marine Affairs and Fisheries, Indonesia
2. **Mr Affane Nounou Amil**, Trainer, National Fisheries Centre and Sea Commerce, Comoros
3. **Dr Rasolofonirina Richard**, Professor at «Institut Halieutique et des Sciences Marines, Université de Toliara», Manager of the sea cucumber hatchery and sea cucumber farm, Madagascar

**Discussion Session (30 minutes)**

1310 – 1410

**LUNCH**

1410 – 1540

**Session 3:** Biological life cycle of cultured species and the sustainable use of aquaculture feed.

**Chaired by:** Mr Asanda Njobeni, Director - Sustainable Aquaculture, Management Department of Agriculture, Forestry and Fisheries, South Africa

**Speakers - 20 minutes Presentation/ Video demonstration per speaker**

1. **Dr Cedric J. Simon**, Senior Research Scientist, Aquaculture Nutrition Integrated Sustainable Aquaculture Production Agriculture Business Unit, CSIRO, Australia
2. **Ms Noor Hasmayana binti Yahaya**, Senior Fisheries Officer, Aquaculture Unit, Selangor Fisheries State Office, Department of Fisheries, Malaysia
3. **Mr. Pairat Kosutarak**, Senior Expert in Aquatic Food, Department of Fisheries, Bangkok, Thailand

**Discussion Session (30 minutes)**

1540 – 1555

**COFFEE BREAK**

1555 – 1645

**Session 4:** Water quality management and health of cultured species.

**Chaired by:**

**Mr. P. N. Chandraratne**, Director General, National Aquaculture Development Authority (NAQDA), Sri Lanka

**Speakers (TBC) - 20 minutes Presentation/ Video demonstration per speaker**

**Dr. Ravelo Vololonavalona**, Professor at «Institut Halieutique et des Sciences Marines, Université de Toliara», Manager of the spirulina farm "Manamaintso", Madagascar

**Discussion Session (30 minutes)**

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## DAY 2- 03 May 2016

TIME	SESSIONS (Presentation/ Video demonstration)
0900 – 1010	<p><b>Session 5:</b> Identifying and handling of common disease outbreaks in aquaculture.</p> <p><b>Chaired by:</b> <b>Dr Cedric J. Simon</b>, Senior Research Scientist, Aquaculture Nutrition Integrated Sustainable Aquaculture Production Agriculture Business Unit, CSIRO, Australia</p> <p><b>Speakers - 20 minutes Presentation/ Video demonstration per speaker</b></p> <ol style="list-style-type: none"><li>1. <b>Mr Muhammad Aziz Hakim</b>, Head of Sub Section for Inspection Method, Center of Fish Diseases and Environmental Investigation, Indonesia</li><li>2. <b>Dr Andriamboavonjy Ralaivao H. H.</b>, Veterinary, Madagascar</li></ol> <p><b>Discussion Session (30 minutes)</b></p>
1010 - 1025	<b>COFFEE BREAK</b>
1025 - 1215	<p><b>Session 6:</b> Harvesting, processing and storage of aquaculture based products.</p> <p><b>Chaired by:</b> <b>Mrs Solonomenjanahary Jadyde</b>, Cadre D'appui à la Direction Générale de l'Ecologie, Madagascar</p> <p><b>Speaker - 20 minutes Presentation/ Video demonstration per speaker</b></p> <ol style="list-style-type: none"><li>1. <b>Mr Asanda Njobeni</b>, Director - Sustainable Aquaculture, Management Department of Agriculture, Forestry and Fisheries, South Africa</li><li>2. <b>Ms. Malinee Smithrithee</b>, Director of Fishery Technological Development Division, Department of Fisheries, Bangkok, Thailand</li><li>3. <b>Mr. Naser Karami Rad</b>, Director General, Ministry of Jihad Agriculture, Islamic Republic of Iran</li><li>4. <b>Mr Abdi Ali Yare</b>, Somalia</li></ol> <p><b>Discussion Session (30 minutes)</b></p>
1215 – 1315	<b>LUNCH BREAK</b>
1315 - 1445	<p><b>Session 7:</b> Environmental risks of aquaculture systems and precautionary measures.</p> <p><b>Chaired by:</b> <b>Mr. Nasiruddin Md. Humayun</b>, Director (Marine), Department of Fisheries, Bangladesh</p> <p><b>Speakers - 20 minutes Presentation/ Video demonstration per speaker</b></p> <ol style="list-style-type: none"><li>1. <b>PD Dr. Reinhold Hanel</b>, Director, Thünen Institute of Fisheries Ecology, Palmaille, Germany</li><li>2. <b>Mr Manendranath Gossagne Nunkoo</b>, Senior Technical Officer Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping and Outer Islands, Mauritius</li><li>3. <b>Mr. Patrick Mwenda Meme</b>, Principal Fisheries Officer, Kenya</li></ol> <p><b>Discussion Session (30 minutes)</b></p>
1445 - 1515	<b>COFFEE BREAK</b>

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**1515 – 1600**

**Working Session:**

Recommendations of workshop and proposed projects to enhance aquaculture in the Indian Ocean region.

**Chaired by: Madagascar/ IORA Secretariat**

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**1600 – 1615**

**Closing Session:**

**Summing by Chair (Madagascar)**

**Remarks by: IORA Secretariat**

**Closing Statement by: Madagascar**

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