

**ACIAR-SPC Asia-Pacific Tropical Sea Cucumber Aquaculture Symposium  
(15-17 February 2011, Noumea, New Caledonia)**

## Program

DAY 1 (Tuesday Feb 15)		
<b>Welcome</b>		
08.30	Mike Batty	Opening welcome
08.35	Chris Barlow	Introduction to Symposium
<b>Regional overviews</b>		
08.45	Alessandro Lovatelli	The global potential of sea cucumber aquaculture
09.05	Robert Jimmy	Overview of sea cucumber aquaculture and stocking research in the Western Pacific region
09.25	Dave Mills	Overview of sea cucumber aquaculture and stocking research in the South-East Asian region
<b>10.00</b>	<b>Morning tea</b>	
<b>Sea cucumber hatchery production</b>		
10.30	Nguyen Dinh Quang Duy	Large-scale production of sandfish for pond culture in Vietnam
10.50	Igor Eeckhaut	In vitro fertilization of sea cucumbers, a new method to boost aquaculture production
11.10	Satoshi Watanabe	Evaluation of nutritional condition of juvenile sandfish, <i>Holothuria scabra</i>
11.30	Annette Menez	Ocean nursery systems for scaling-up juvenile sandfish ( <i>Holothuria scabra</i> ) production: ensuring opportunities for small fishers
11.50	Ruth Gamboa	Small-scale hatcheries and simple technologies for sandfish production
12.10	Will Bowman	Production, grow-out and potential of sandfish sea ranching in northern Australia
<b>12.30</b>	<b>Lunch</b>	
14.00	Annie Mercier	Hatchery experience and useful lessons from <i>Isostichopus fuscus</i> in Ecuador and Mexico
14.20	Plenary	Identification of major hatchery issues
<b>15.00</b>	<b>Afternoon tea</b>	
15.30	Break out groups to identify knowledge gaps for each major issue.	
16.30	Reconvene to collate these and prioritise as a group. Rank each hatchery issue.	
<b>17.00</b>	<b>Finish</b>	

<b>DAY 2 (Wednesday Feb 16)</b>		
<b>Sandfish sea ranching and farming</b>		
08.30	Steve Purcell	Principles and science of stocking sea cucumbers into the sea
08.50	Natacha Agudo	New Caledonia sandfish grow-out in earthen ponds
09.10	Satoshi Watanabe	Ability of the sandfish, <i>Holothuria scabra</i> , to utilise organic matter in the black tiger shrimp pond
09.30	Dave Mills	Pond farming and co-culture options in Vietnam
09.50	Annette Menez	Establishment and management of communal sandfish ( <i>Holothuria scabra</i> ): sea ranching in the Philippines
<b>10.10</b>	<b><i>Morning tea</i></b>	
10.40	Beni Giraspy	Maldives sea ranching enterprise
11.00	Cathy Hair	Sandfish production and sea ranching trial in Fiji
11.20	Georgina Robinson	Development of sea cucumber farming as an alternative livelihood in SW Madagascar
11.40	Ann Fleming	Sea ranching in an Indigenous community within a heavily regulated fishery (Australia)
<b>12.00</b>	<b><i>Lunch</i></b>	
<b>Resource tenure issues</b>		
13.30	Meo Semisi	Marine tenure and the role of MPAs for sandfish grow-out in the Pacific
13.50	Kalo Pakoa	Pacific ownership and management of sea cucumber stocks (using data and observations from SPC ProcFish surveys)
14.10	Plenary	Identification of the major release and grow-out issues
<b>15.00</b>	<b><i>Afternoon tea</i></b>	
15.30	Break out groups to identify knowledge gaps for each major issue.	
16.30	Reconvene to collate these and prioritise as a group. Rank each issue.	
<b>17.00</b>	<b><i>Finish</i></b>	
<b>DAY 3 (Thursday Feb 17)</b>		
<b>Post-harvest value adding, marketing &amp; supply chain, socio-economics</b>		
08.30	Maripaz Perez	Marketing sea cucumber in southeast Asia: challenges and opportunities
08.50	Theo Simos	Pacific Islands region sea cucumber and beche de mer market analysis
09.10	Steve Purcell	Processing cultured tropical sea cucumbers into export product: issues and opportunities
09.30	Hampus Eriksson	Ecological and social considerations for an expanding sea cucumber farming industry
09.50	Jun Akamine	Sea cucumber markets in the world: Hong Kong, Guangzhou and New York
<b>10.00</b>	<b><i>Morning tea</i></b>	
10.30	Decision making tools and their role in sandfish aquaculture development (Bill Johnston)	
10.40	Practical session using draft sea cucumber decision making tools	
11.30	Group feedback on models.	
11.45	Plenary	Identification of the major marketing issues.
<b>12.00</b>	<b><i>Lunch</i></b>	
13.30	Break out groups to identify knowledge gaps for each marketing issue.	
14.30	Participatory session to collate and prioritise issues identified throughout the Symposium	
15.30	Facilitator	Final summing up of all sessions.
<b>16.00</b>	<b><i>Symposium Closing</i></b>	