



## INVITATION

You are invited to attend the Third Scientific Symposium on Resource Investigations in the Northwestern Hawaiian Islands at the Hawai'i Convention Center in Honolulu, Hawai'i from November 2-4, 2004.



The Third Scientific Symposium will provide a forum for scientific presentations on NWHI research and management that have advanced our knowledge since the last Symposium in 1984. Topics at the symposium will include sea turtles, seabirds, marine mammals, marine and terrestrial living resources, fisheries, oceanography, mapping, socio-economics management strategies and assessment methodologies, including ecological and foraging models. Contributions on these topics pertaining to NWHI research will be considered. English is the official language of the Symposium. A detailed program schedule along with abstracts for paper and poster presentations will be available shortly before the Symposium on the website at [www.hawaiianatolls.org/sym3](http://www.hawaiianatolls.org/sym3).

Presented by:





## Northwestern Hawaiian Islands Third Scientific Symposium

### **SYMPOSIUM STRUCTURE**

The Symposium will commence on Tuesday, November 2 with Registration and Continental Breakfast beginning at 7 AM. A Plenary Session will follow detailing the history of scientific research in the NWHI, beginning with the Tanager Expedition in 1920 and resource utilization and stewardship. Overviews of the NWHI ecosystem and ecosystem-based management will also be presented at the Plenary. Formal sessions will commence on Tuesday afternoon and continue through Thursday morning. These will include oral and poster presentations and discussions. The Symposium will conclude with a half-day discussion on future research needs and priorities in the Hawaiian Archipelago particularly with regard to ecosystem science and management.

A free Public Outreach and Education Session is scheduled for Wednesday, November 3 from 6:00 PM – 8:00 PM.

### **POSTER SESSION**

The Poster Session is scheduled for Tuesday evening, November 2, during the Welcome Reception. Authors are expected to be present at their posters from 5:30 PM – 7:00 PM.

### **PUBLIC OUTREACH & EDUCATION SESSION**

A free Public Outreach and Education Session is scheduled for Wednesday evening, November 3, from 6:00 PM – 8:00 PM. Exhibits and Posters will be on display from sponsoring agencies and fellow scientists, sharing research projects from the NWHI. The public is invited to view and ask questions about science and research. Light refreshments will be served.

### **VENUE**

The Symposium will convene from November 2-4, 2004 at the Hawai'i Convention Center located at 1801 Kalākaua Avenue. The convention center is located at the entrance of Waikīkī in close proximity to a wide range of hotels and visitor attractions. For more information about the Hawai'i Convention Center visit [www.hawaiiiconvention.com](http://www.hawaiiiconvention.com).

### **REGISTRATION**

Deadline for Early Registration is: September 1, 2004. Full Registration is \$150 and includes: Symposium Proceedings (published by the Atoll Research Bulletin), Amenities, Welcome Reception, and Continental Breakfast. Special Student and Day Rates are available. On-site Symposium registration will be in the Hawai'i Convention Center Mānoa Room 304.

### **ACCOMMODATIONS**

Special rates for accommodations have been obtained for Symposium participants at the Ala Moana Hotel with a symposium rate starting at \$95.00 plus tax. For reservations call 1-800-367-6025 and ask for NWHI. Reservations must be made by October 1. Reservations made after this date are not guaranteed availability at the special rate. A one-night deposit is required. Cancellations are fully refundable if made 72 hours prior to arrival.

For additional information visit [www.hawaiianatolls.org/sym3](http://www.hawaiianatolls.org/sym3).

## PROVISIONAL PROGRAM

Day 1	Tuesday, November 2, 2004	7:00 a.m. – 7:30 p.m.
Registration (throughout Symposium) & Continental Breakfast		7:00 a.m. - 9:00 a.m.
<b>Plenary Session</b>		9:00 a.m. - 11:30 a.m.
A historical overview of the Northwestern Hawaiian Islands Ecosystem with the perspective of science and research, resource utilization, and conservation and management		
* The History of Marine Research in the Hawaiian Archipelago, Lessons from the Past and Hopes for the Future, <i>Richard Grigg</i>		
* Contemporary Marine Research in the Northwestern Hawaiian Islands: Where we are Now, Where we are Heading, <i>Gerard DiNardo/Frank Parrish</i>		
* The Northwestern Hawaiian Islands Ecosystem, <i>Jeff Polovina</i>		
Lunch On Own		
<b>Plenary Session (cont.)</b>		1:00 p.m. - 2:30 p.m.
* History of Resource Utilization in the NWHI, <i>Jarad Makaiau</i>		
* Natural Resource Conservation, Management and Protection, <i>Rob Shallenberger/Randy Kosaki</i>		
* Ecosystem-based Management, <i>David Fluharty</i>		
Concurrent Session 1		2:45 p.m. - 4:30 p.m.
<b>A. Environmental Trends</b>		
<b>B. Seabirds</b>		
<b>Welcome Reception &amp; Poster Session</b>		5:00 p.m. - 7:30 p.m.
Day 2	Wednesday, November 3, 2004	7:30 a.m. – 8:00 p.m.
Registration / Continental Breakfast		7:30 a.m. - 8:30 a.m.
Concurrent Session 2		8:30 a.m. - 10:10 a.m.
<b>A. Fisheries - Lobster</b>		
<b>B. Sea Turtles, and Other Endangered or Threatened Flora and Fauna</b>		
Concurrent Session 3		10:25 a.m. - 12:05 p.m.
<b>A. Fisheries - Fin Fish</b>		
<b>B. Cetaceans / Hawaiian Monk Seals</b>		
Lunch On Own		
Concurrent Session 4		1:30 p.m. - 3:10 p.m.
<b>A. Oceanography / Mapping</b>		
<b>B. Hawaiian Monk Seals</b>		
Concurrent Session 5		3:25 p.m. - 5:05 p.m.
<b>A. Socio-Economics / Ecosystem Science and Research Needs</b>		
<b>B. Living Marine Resources</b>		
<b>Public Outreach &amp; Education Session</b>		6:00 p.m. - 8:00 p.m.
Day 3	Thursday, November 4, 2004	7:30 a.m. – 5:00 p.m.
Registration / Continental Breakfast		7:30 a.m. - 8:30 a.m.
Concurrent Session 6		8:30 a.m. - 10:10 a.m.
<b>A. Living Marine Resources - Vertebrate</b>		
<b>B. Living Marine Resources</b>		
Concurrent Session 7		10:25 a.m. - 12:05 p.m.
Lunch On Own		
<b>Expert Panel Discussion and Recommendations, Sam Pooley, Facilitator</b>		1:30 p.m. - 3:00 p.m.
* <i>Future research needs and priorities in the Hawaiian Archipelago particularly with regard to ecosystem science and management</i>		
<b>Wrap up &amp; Closing Remarks, Gerard DiNardo</b>		3:15 p.m. - 5:00 p.m.
* <i>Open floor discussion</i>		