PACON International will be emailing the member newsletter until the members-only portion of the website is ready. PACON requests members to keep us posted of a current, working email address and any address/phone/fax changes so our database is kept current.

**PACON 2006: Marine Science and Technology in Asia**

The Twelfth Pacific Congress on Marine Science and Technology, PACON 2006, will be held at the Traders Hotel in Yangon, Myanmar on 11-15 June 2006. **The extended deadline for abstracts is 21 April 2006.**

Abstract guidelines and samples are in the PACON 2006 Registration Circular posted on our website [www.hawaii.edu/pacon](http://www.hawaii.edu/pacon). Please follow the formatting instructions as a few changes have been made. Abstracts should fit half a page, 175 words maximum. The session choices are in the technical program later in this issue.

A **Tutorial Workshop** on “Monitoring Methods and Strategies by Using Automated Systems” will be presented on Sunday, 11 June 2006, from 1:00 p.m. to 5:00 p.m. by Dr. Friedhelm Schroeder, GKSS Research Centre (Germany).

PACON 2006 will host the second annual **PACON Student Poster Session – Cecilia Hsi Saxena Award** for graduate students. The PACON Student Poster Session will be held on Monday, 12 June at the Traders Hotel in Yangon, Myanmar, and the guidelines are available on our website. **The extended deadline is 21 April 2006.**

**Daw Ling Maung Pan**, a 1992 graduate of Yangon University, will be the PACON 2006 Master of Ceremony. Honorary Chairs are **HE Major General Thein Swe** (Myanmar), **Professor Susumu Ishii** (Japan), **Dr. Ho-Shong Hou** (Taiwan) and **Dr. Denise Eby Konan** (USA). General Chair is **HE U Pe Than** (Myanmar), and General Co-Chair is **U Thein Tun** (Myanmar).

Monday’s keynote speaker, **Dr. Tad S. Murty**, of the University of Ottawa (Canada), will speak on “Tsunamis and Storm Surges in the Indian Ocean”

Tuesday’s keynote speaker, **Dr. Hans von Storch**, from the GKSS Research Centre (Germany), will speak about “Storms—Analysis, Statistics, and Changes”
Wednesday’s Keynote speaker, **Prof. Ying Wang**, of Nanjing University (China), will speak on the “River-Sea Interaction and the North Jiangsu Plain Formation”

Thursday’s Keynote speaker, **Dr. Thia-Eng Chua**, of the GEF/UNDP/IMO/Programme Partnerships in Environmental Management for the Seas of East Asia (Philippines), will speak on the “Application of Science in Integrated Coastal Management”

Master of Ceremonies: **Daw Ling Maung Pan**

Monday PACON Awards Banquet Speaker: (TBA)

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**PACON 2006**

**TECHNICAL PROGRAM**

**THEME:** Marine Science and Technology in Asia

**OCEAN SCIENCE AND TECHNOLOGY (OST)**

COORDINATORS: Lorenz Magaard (USA) and Kenji Hotta (Japan)

**OST-1: Ocean Mapping and Seafloor Characterization**

(GIS, Survey Systems)
Chair: Mohd Razali Mahmud (Malaysia)
Co-Chair: Arjun Aryal (USA)*

**OST-2: Marine Biotechnology**

(Natural Products, Manufactured Products)
Chair: Mark Huntley (USA)
Co-Chair: (TBA)

**OST-3: Fisheries Technology**

Chair: (TBA)
Co-Chair: U Khin Ko Lay (Myanmar)

**OST-4: Remote Sensing and Oceanographic Satellites**

(Satellite, Ocean Systems)
Chair: DanLing Tang (China)
Co-Chair: Im Sang Oh (Korea)*
OST-5: Advanced Vehicles
(Surface Craft, Undersea Vehicles)
Chair: (TBA)
Co-Chair: U Charlie Than (Myanmar)

OST-6: Operational Experiences in Environmental Monitoring
(Techniques of Buoys & Ships of Opportunity, New Developments, Sensors for Long-Term Applications, Biofouling, Scientific & Monitoring Applications)
Chair: Hans-Diethard Knauth (Germany)
Co-Chairs: Friedhelm Schroeder (Germany)*, Chin-Yuan Hsieh (Taiwan)*

OST-7: Climate Change
(Climate Prediction, Socio-economic Value of Climate Prediction, Adaptation to Climate Fluctuations, ENSO, Mitigation of Climate Change)
Chair: Lorenz Magaard (USA)
Co-Chair: U Tun Lwin (Myanmar)

OST-8: Aquaculture and Mariculture Technology
Chair: Yoshihiro Suenaga (Japan)
Co-Chair: U Tun Hla (Myanmar)

OST-9: Natural Energy
(Wind, Wave, Current, River flow, OTEC, Solar)
Chair: Seiji Kiho (Japan)
Co-Chair: (TBA)

COASTAL SCIENCE AND TECHNOLOGY (CST)
COORDINATORS: Young C. Kim (USA) and Yoshifusa Yamada (Japan)*

CST-1: Hydrodynamics of Coastal Waters
(Wave Characteristics, Wave Theories and Measurements, Wave Transformation)
Chair: Hsien-Hua Lee (Taiwan)
Co-Chairs: Jea-Tzyy Juang (Taiwan), Jaw-Fang Lee (Taiwan)*

CST-2: Coastal Water Level Fluctuations
(Tides, Storm Surges, Tsunamis, Sea Level Rise)
Chair: Tad S. Murty (Canada)
Co-Chair: U Tun Lwin (Myanmar)

CST-3: Coastal Structures
(Wave Forces, Wave-Structure Interaction, Planning, Design, Construction, Performance and Maintenance)
Chair: Koichi Masuda (Japan)
Co-Chairs: U Ye Htu (Myanmar), Yoshifusa Yamada (Japan), Ching-Her Hwang (Taiwan)*

CST-4: Ports and Harbors
(Dredging, Mooring, Harbor Resonance, Planning, Design, and Construction)
Chair: Ho-Shong Hou (Taiwan)
Co-Chair: U Win Aung (Myanmar)

CST-5: Coastal Sediment Processes
(Sediment Transport Processes, Coastal Erosion, Shoreline Changes, and Stabilization)
Chair: Akio Kobayashi (Japan)
Co-Chair: Hideo Nakaya (Japan)
CST-6: Coastal Environment
(Coastal Pollution, Recreation, Water Quality, Environmental Impact)
Chair: Toshimasa Kawanishi (Japan)
Co-Chair: Kazuo Morishita (Japan)

CST-7: Sustainable Coastal Development
(Energy Development, Coastal Zone Management, Coastal Resource Management)
Chair: Tetsuo Kitamura (Japan)
Co-Chair: Kyoichi Okamoto (Japan)

CST-8: Coastal Hazards
(Coastal Storms, Seismic and Tsunami Events, Impact of Climate Change, Beach and Bluff Erosion, Coastal Flooding, Man-Made Disasters)
Chair: Minoru Yamanaka (Japan)
Co-Chair: DanLing Tang (China)

MARINE RESOURCE MANAGEMENT AND DEVELOPMENT AND DEVELOPMENT (MRMD)
COORDINATOR: Kenji Hotta (Japan)

MRMD-1: Marine Policy, Law, and Government
(Policy, Law, and Government Regulations)
Chair: Daw Than Nwe (Myanmar)
Co-Chair: (TBA)

MRMD-2: Coral Reef Science and Management
(Science, Conservation, Management)
Chair: Phang Siew Moi (Malaysia)
Co-Chair: (TBA)

MRMD-3: Marine Fishery
(Science and Management)
Chair: (TBA)
Co-Chair: (TBA)

MRMD-4: Marine Recreation and Tourism
(Socio-economic/Ecological Benefits, Impacts, Growth Potential)
Chair: Kenji Hotta (Japan)
Co-Chair: U Bobo Oung (Myanmar)

MRMD-5: Methane Hydrates
Chair: (TBA)
Co-Chair: (TBA)

WORKSHOPS (WKSP)
COORDINATORS: (TBA)

WKSP-1: Education in Marine Science and Technology
(Formal, Informal, Public Outreach, K-12, Undergraduate)
Chair: Jerry Comcowich (USA)
Co-Chair: U Charlie Than (Myanmar)

WKSP-2: Women in Marine Science, Technology, and Policy
(Training, Accomplishments, Barriers, Programs)
Chair: Ying Wang (China)*
Co-Chairs: Makena Coffman (USA), Sandar Naing (Myanmar)
In 2005, PACON International started looking towards the next generation of marine scientists, engineers and policymakers, and focused on graduate students in the marine sciences areas. Several student-oriented categories were established, such as a PACON student membership category, awards for best student poster, and a student travel fund. The purpose of the **Student Travel Fund** is to grant partial transportation support to qualified students to present their research findings or compete in the Student Poster Session at an annual PACON conference. Each student must apply for the award, register to present a paper or compete in the poster session, and be a student member of PACON International or be sponsored by a PACON member. Past donors include PACON’s Australia Chapter, Mr. Stuart Burley of Strategic Theories Unlimited, LLC, and an anonymous donor. The travel award criteria is located on our website at [www.hawaii.edu/pacon](http://www.hawaii.edu/pacon). We urge our members to donate generously to this Fund.

**PACON 2006 STUDENT POSTER SESSION**

Dr. Jerome Comcowich, Director, Technology Development in the School of Ocean and Earth Science and Technology (SOEST) at the University of Hawaii at Manoa has agreed to serve as the PACON 2006 Student Poster Session Coordinator. The second annual **Student Poster Session** will be held at the Traders Hotel in Yangon, Myanmar on **Monday, 12 June 2006**. Each poster presentation will exemplify the integration of marine science and technology with a Pacific Ocean application. Up to six (6) best graduate student posters can receive the second annual **Cecilia Hsi Saxena Award** during PACON 2006 (11-15 June 2006). Cash prizes include First Place: US$250, Second Place: US$150, Third Place: US$100, Fourth Place: US$50, Fifth Place: US$50, Sixth Place: US$50. All participating students will receive a Certificate of Participation. Deadline for receipt of all application materials has been extended to **21 April 2006** (Hawaii Standard Time). For more information, please see PACON International’s website: [www.hawaii.edu/pacon](http://www.hawaii.edu/pacon). If you have any questions, please contact us.
Ocean Day 2006 will be held on June 7, 2006 at the NOAA Hawaiian Islands Humpback Whale National Marine Sanctuary in the Hawaii Kai Corporate Plaza. This year’s theme will center around “Tsunamis and Storm Waves”. The Ocean Day Chair will be Mr. George Curtis, who was a tsunami researcher for JI MAR (Joint Institute for Marine and Atmospheric Research) at the University of Hawaii at Manoa for twelve years. He retired in 1991 from JIMAR to continue tsunami work and teach marine science and physics at the UH-Hilo campus. He is presently working with graduate students at the UH Manoa Department of Ocean and Resource Engineering. Mr. Curtis created the inundation maps for the evacuation zones, found in Hawaii’s phone books. He is the tsunami advisor for Hawai’i County and serves on the state tsunami technical review committee and the state earthquake committee.

A preview of this year’s speakers and tentative titles include Mr. George Curtis, who will start with an Introduction to the Hazard and Risks of Tsunamis and Storm Waves, followed by Mr. Scott Sullivan from Sea Engineering, Inc. on Hurricane Modeling for Hawai’i, Ms. Jeanne Johnston from the Hawai’i State Civil Defense on State Response to Tsunamis, Mr. Paul Haraguchi from Pacific Weather, Inc. on Scenarios for Possible Hurricanes in Hawai’i, Dr. Kwok Fai Cheung from the UH Ocean Engineering and Resources Department on Better Tsunami Modeling, Mr. John Cummings III from the O’ahu Civil Defense on County Response to Major Wave Threats, and Dr. Ian Robertson from the UH Civil Engineering Department on Storm Surge Damage from Katrina and Application to Tsunami Damage. Afterwards, speakers will participate in a panel discussion on what mitigation is vital to Hawai’i and answer audience questions.

**CALENDAR OF EVENTS**

**OCEAN DAY 2006**
7 June 2006; 1:00 p.m. – 5:00 p.m., Hawaiian Islands Humpback Whale NMS in Hawaii Kai, Hawaii.
Sponsored by PACON International. Chaired by Mr. George Curtis. The theme will center on “Tsunamis and Storm Waves.” A silent auction and reception will follow an afternoon of presentations.

**PACON 2006**
11-15 June 2006; Traders Hotel in Yangon, Myanmar
The Twelfth Pacific Congress on Marine Science and Technology, PACON 2006’s theme will be “Marine Science and Technology in Asia.” The Call for Papers and Student Poster Session information can be found at: www.hawaii.edu/pacon. Abstract deadline has been extended to April 21, 2006.

**ENDOWMENT FUND**

Created in 1993, the PACON International Endowment Fund was established to create an alternate funding source to maintain PACON as a permanent forum for marine science, technology and policy. In the future, PACON would like to offer its support to scientists, engineers and policymakers from developing countries who may not have the resources to participate in PACON meetings. Several programs, including teachers’ workshops, material dissemination, Ocean Park, and similar projects are under development. Please consider making a gift to the Endowment Fund. PACON International is a tax exempt charitable organization under Section 501(c)(3) of the Internal Revenue Code. Contributions are deductible to the extent provided by law. Please check with your tax advisor for details. Donation categories are: PACON Friend ($50-$999), Ocean Supporter ($1,000-$4,999), Triton Sustainer ($5,000-$9,999), and Poseidon Sustainer ($10,000 or more).

PACON Friends: Australia: Dr. John Benzie; China: Dr. Chi-Chia Hsieh; Germany: Mr. Hans E.W. Hoffman; Japan: Dr. Toshiro Furuta, Dr. Hakaru Hatakeyama, Dr. Shigehisa Nakamura, Dr. Noriyuki Nasu, Prof. Tomio Shimada, Dr. Shinichi Takagawa, Dr. Tomoyoshi Takeuchi, Dr. Tomiji Watabe, Mr. Haruo Yamamoto, Dr. Koichiro Yoshida; Mexico: Dr. Vivian Solis-Weiss; USA: Dr. Jan Auyong, Dr. John Bardach, Mr. Norman Estabrook, Mr. William A. Friedl, Capt. Colin Jones, Dr. Rongxing Li, Mr. Richard Porter, Dr. Patrick Sullivan, Dr. Michelle Teng. Ocean Supporters: Japan: Dr. Kenji Hotta, Dr. Masaaki Sakata; Korea: Dr. Hyung Tack Huh; USA: Capt. E. Chipman Higgins, Dr. Lorenz Magaard. Poseidon Sustainer: USA: Dr. Narendra Saxena. Corporate Donors: USA: Matsunaga Foundation (PACON Friend); China: State Oceanic Administration (Ocean Supporter). Note: Pledges of over $1,000 may be paid over a 3-year period. These donors will be listed as PACON Friends until payment is complete. PACON thanks the following
2006 Endowment Fund Supporters in the PACON Friend category for their generous donation: Dr. Huseyin Baki Iz (Hong Kong), Prof. Ronald M. Weiner (USA), Dr. Tomiji Watabe (Japan), and Dr. Adam Zielinski (Canada).

**PACON NEW / RETURNING MEMBERS**

PACON International welcomes new Life Member Dr. Susumu Ishii and thanks Dr. Kenji Hotta for the referral, new member Mr. Arjun Aryal and thanks Dr. Narendra Saxena for the referral, renewing 1-year member Mr. Richard A. Martino, and renewing 2-year member Prof. Hans von Storch.

**PACON INTERNATIONAL LIFE MEMBERS**

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John Wiltshire  
Paul M. Wolff  
Yoshifusa Yamada  
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PACON International (Pacific Congress on Marine Science and Technology, International) was created following two successful marine science and technology Congresses held in Honolulu: PACON 84 and PACON 86. Since then, PACON has held Congresses in Hawaii, Australia, Japan, and Korea. Regional Symposia have been held in Hawaii, Beijing, Hong Kong, Russia, California, and Taiwan. The next Congress, PACON 2006, will be held at the Traders Hotel in Yangon, Myanmar.

**PACON International Mission Statement:**

PACON International is an international non-profit professional marine science and technology society dedicated to the sharing of scientific and technical information among those interested in the future of the world’s oceans with a Pacific focus.

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