



The meeting will highlight the threat to the survival of tropical biodiversity from food and energy shortages, and climate change, and will emphasize the many ways in which biodiversity and ecosystem services are fundamentally important for sustainable human development.



ATBC 2010 in Indonesia

The **Association for Tropical Biology and Conservation** is the world's largest professional society devoted to the furtherance of tropical biology and tropical conservation. It was founded in 1963 to promote research and to foster the exchange of ideas among

biologists working in tropical environments. It has grown into a truly global organization with members from over 60 countries. ATBC annual meetings are hosted in different locations (usually tropical) each year, drawing 500-800 delegates from around the world. The 2010 meeting will be the first time the annual ATBC meeting has come to Southeast Asia, and Indonesia is a perfect host country to introduce the society to the region. The biological nature of Indonesia is unmatched in the world, with an astounding range of ecosystems, from the world's most diverse coral reefs and most majestic tropical rain forests to tropical dry forest and alpine meadows. The archipelago has played a major role in the development of evolutionary and ecological theory, from A. R. Wallace's work, to studies of succession on Krakatau. To experience this 'biological paradise' is for many biologists a professional dream. We invite you to realize this dream, by

attending the ATBC 2010 meeting, and then visiting some of Indonesia's biological and cultural wonders.

Meeting theme

We are entering the age of perpetual environmental crisis, with multiple factors interacting to produce serious threats to human well-being. While most people have now accepted the reality of anthropogenic climate change, we are discovering that we are already too late to prevent major temperature and rainfall changes. Climate impacts on agricultural land and steadily increasing human population have caused serious food shortages, and are driving new conversion of tropical forests to farmland. Fossil fuels are a major carbon source, and their finite stocks are increasingly expensive to extract, leading to increased demand for tropical biofuels. Because these processes directly threaten human development and survival, attention is being drawn away from their impact on natural ecosystems and tropical biodiversity. This meeting will highlight the threat to the survival of tropical biodiversity from the synergistic effects of food and energy shortages and climate change. In parallel, we will discuss and broadcast the many ways in which tropical biodiversity and ecosystems are fundamentally important for sustainable human development.

Hosts

The **Research Center for Biology** (RCB), of the Indonesian Institute of Sciences (LIPI), is the primary government organization for biological research, comprising zoological, botanical and microbiological sub-institutes, with extensive museum and herbarium collections (www.biologi.lipi.go.id). The RCB's mission is to undertake research in and development of biological sciences, improve the scientific community's capabilities, and develop services for the distribution of biological information, in order to enhance public awareness of Indonesian biological diversity.

The **University of Indonesia** is the country's oldest (with roots dating to 1851) and one of its most prestigious, with over 40,000 students (<http://ui.ac.id>). The Faculty of Mathematics and Natural Sciences dates from 1960, and offers Masters and PhD degrees in Biodiversity and Conservation in association with The Center for Biodiversity and Conservation Studies.

Partners: Arnold Arboretum of Harvard University, Perhimpunan Biologi Indonesia, Center for International Forestry Research, Bogor Agricultural University, Forestry Research and Development Agency, James Cook University, CSIRO, ATBC-AP, Ministry of Marine Affairs And Fisheries

Organizers

- **Steering committee:** Adi Basukriadi (chair), Dean, FMIPA, Univ. Indonesia; Endang Sukara (secretary), Deputy Chair for Life Sciences, Indonesian Institute of Sciences (LIPI).
- **Organizing committee:** Dedy Darnaedi (chair), RCB, LIPI; Didi M. Indrawan (secretary), Univ. Indonesia,
- **Academic committee:** Campbell Webb (chair), Arnold Arboretum of Harvard Univ.; Wellyzar Sjamsuridzal (secretary), Dept. Biology, Univ. Indonesia.



The 2010 meeting in Indonesia will be the first time that the annual international ATBC meeting (with 500-800 attendees) has come to Southeast Asia.

Symposia and workshops

The meeting will comprise plenary speeches, parallel organized symposia and open sessions (of 15 minute presentations), and poster sessions. We will encourage a balance of pure and applied symposia themes, and because of the unique archipelago nature of Indonesia, we will also be highlighting marine biology at this ATBC meeting. Please submit symposium or workshop proposals before 15 December 2009.



Symposia topics currently under discussion include: Climate change and REDD, Economics of ecosystem services, Forest restoration, Primate ecology, Oilpalm and HCVF, Wallace and Wallacea, Frugivory, Traditional knowledge systems, Biodiversity access rights, Ecology of dipterocarp forests, Tropical entomology, Human health and biodiversity, Small scale fisheries, Climate change and coral reef conservation, Biodiversity inventory and informatics, Rainforest margins, New Guinea biodiversity, Tropical peatlands, African ecology, Mutualism in a changing climate, Geographical evolution of marine biodiversity, Phylogenetic structure, Topical fungi, Bird biodiversity. Workshops and courses planned include Statistics and paper writing, Economic tools for conservation, Modern genomics for biodiversity studies, Fundraising for conservation, and Forest restoration.

Important dates

- 15 December 2009: Call for symposium and workshop proposals closes
- 15 February 2010: Abstract submission closes
- 15 March: Early registration fee ends
- 15 July: Pre-meeting tours and workshops
- 19 July: Council meeting, delegates arrival, evening welcome event
- 20-23 July: Plenaries, symposia and other events
- 23 July: Closing ceremony and banquet
- 24 July: Post-meeting tours and workshops



Venue

Sanur Beach Hotel, Sanur, Bali. A five-star hotel on the sea, set in a lush garden of coconut palms and coastal vegetation. Beyond the quiet, white-sand beach is an extensive seagrass lagoon stretching to a healthy reef crest. As you look across to Mount Rinjani in Lombok, **you are looking across Wallace's Line!** A seafront trail allows early-risers to stroll for miles in the cool morning air. The village of Sanur is full of interesting restaurants and shops, but green and quiet. Sanur also offers many other hotels, from luxury to low-cost (see website for listings). Pre- and post-meeting workshops will be held in the beautiful, high-elevation **Bali Botanical Gardens**. Bali's large international airport is served by direct flights from many cities in Pacific rim, which can be surprisingly cheap if booked early.

Field trips

Come and enjoy one of these trips: Bali Botanic Gardens (half day), Diving trip (half day), Cultural tour of Ubud (one evening), Bali Barat National Park (two days), Alas Purwo National Park, Java (two days), Lombok birds and Wallace's Line (two days), Komodo (two days), Java: Krakatau/Bogor/Ujung Kulon (four days), Kalimantan (Borneo; five days).

Student funding and programs

The meeting organizers hope to be able to offer travel and registration scholarships for students and young scientists from developing countries. We will also offer a mentorship program to assist younger participants to meet senior scientists. Please see the website for further details.

Passport and Visa

Most delegates will be able to obtain a visa-on-arrival in Bali. Please see the website for more information.

Security

The organizers acknowledge that some delegates may have concerns about safety in Indonesia. In reality, the security risks are extremely low. The huge 2007 IPCC climate change conference was held in Bali with no incident. The organizers will work closely with police to ensure a peaceful conference.

Carbon neutrality

A mandatory carbon-offset surcharge will be added to the registration fee. This will be used to reduce the carbon footprint of the meeting by investing in local forest conservation and restoration projects. Live internet streams from the meeting will also enable remote participation.

Contact information

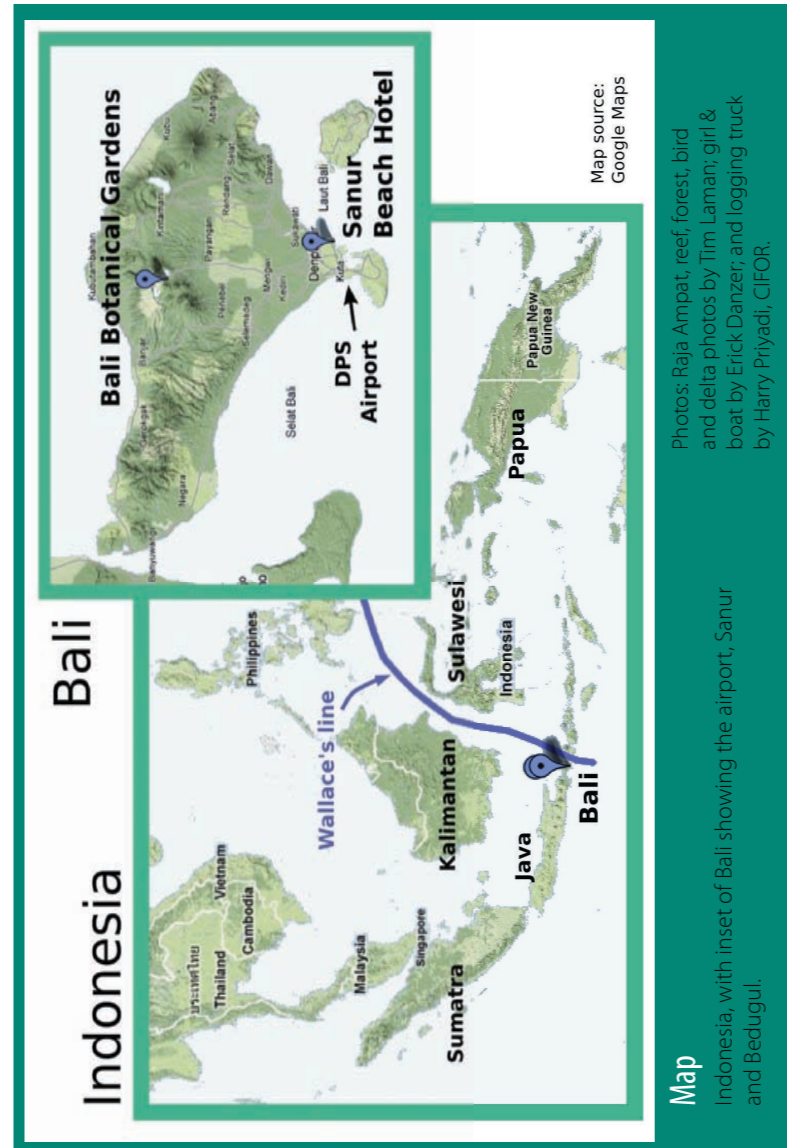
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For many biologists, to visit the wonders of Indonesia has long been a dream.



Map

Indonesia, with inset of Bali showing the airport, Sanur and Bedugul.

Map source: Google Maps

Photos: Raja Ampat, reef, forest, bird and delta photos by Tim Laman; girl & boat by Erick Danzer; and logging truck by Harry Priyadi, CIFOR.

The 2010 International Meeting of the 'Association for Tropical Biology and Conservation' (ATBC)



Tropical biodiversity:
 Surviving the food, energy
 and climate crisis



ATBC 2010

Bali, Indonesia, 19-23 July

Hosted by The Indonesian Institute of Science's Research Center for Biology, and The University of Indonesia's Faculty of Mathematics and Natural Sciences

Join us in the Indonesian archipelago, home to some of the most spectacular biological and cultural diversity on Earth, for a celebration of tropical Nature and a global discussion about its conservation



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