



Harvard University & CTFS-AA offer a 2009 Field Biology Course to students from tropical Asia: 'The Biodiversity of Borneo'

In association with the Harvard University Summer School, the Arnold Arboretum and the Center for Tropical Forest Science (CTFS-AA) will offer a field biology course to be held in Sarawak and Sabah (East Malaysia) from **8 June to 22 July 2009**. Ten Southeast Asian participants will join 10 Harvard University students to study terrestrial and marine biodiversity, ecology and conservation, with instructors from Harvard University and other institutions (including Sabah Parks, Sabah Forest Research Center, Sarawak Forestry Corporation, Univ. Malaysia Sabah, Yayasan Sabah).

The forests and reefs of northwest and north Borneo have some of the highest levels of α -diversity in the world. The forests are home to orang-utans, hornbills, rhinos and as many as 5,000 tree species, and the reefs offer some of the best diving in the world. We will visit world-class parks and reserves (e.g., Lambir, Kinabalu and the Maliau Basin), to gain a thorough understanding of abiotic controls on species composition, and will contrast processes that maintain biodiversity in forests with those operating on coral reefs. Throughout Borneo, intensive logging and marine harvesting have occurred for many years. Our course will explore the complexities of conservation today, including trips to sustainably-managed, carbon-traded, and restored forests. We will also provide opportunities for the students to meet people living in and off the forest, to understand their motivations for forest conversion and conservation, and to consider the human health dimensions of forest change.

A key feature will be the development of skills in research project design, execution and analysis, based around the statistical platform 'R.' The students will complete two independent projects, from conception to presentation, and participate in a group project on the coral reef. The students will gain database and web publishing skills by developing a community digital record of the trip.

The course is aimed at **advanced undergraduates, recent graduates** currently active in biological research, and **postgraduate entry-level students**. **Travel, food, accommodation and course fees will be funded for Tropical Asian nationals** (ASEAN, PNG, India, Sri Lanka, Bangladesh, China). Students will be responsible for other costs and some students may be requested to pay their international travel. Places may be available for non-Harvard, non-Asian, paying students. Students will be selected to provide broad international representation.

For more information on the course (including instructions for application) see: <http://phylodiversity.net/borneo-course/>. Queries and completed application materials should be directed to Dr. Cam Webb (c/o bb09app@phylodiversity.net). The application deadline is **15 March 2009**.



ARNOLD ARBORETUM of HARVARD UNIVERSITY

Center for Tropical Forest Science



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