

Gopaldasamy Reuben Clements

Position: Associate Professor
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Education:

Ph.D (Conservation Science), James Cook University, Australia

M.Sc. (Biology), National University, Singapore

B.Sc. (Biology), National University, Singapore

Teaching:

RSM 5040: Research Methodology

Brief Employment History:

Muséum National d'Histoire Naturelle: Invited Professor

Universiti Malaysia Terengganu: Associate Professor

James Cook University: Postdoctoral Research Associate

WWF-Malaysia: Species Conservation Manager

Research Interests:

My goal as a conservation scientist is to deliver tangible conservation outputs for the benefit of threatened species in Malaysia. I have over 10 years of conservation research experience in rainforest, freshwater, limestone karst and peat swamp ecosystems in Southeast Asia. I have research experience in animal behaviour, biogeography, ecology and taxonomy of mammals and molluscs. My team and I are currently engaged in the following activities: tiger and other large carnivore monitoring, wildlife law enforcement and policy improvement, land use and limestone karst conservation planning using GIS and remote sensing, human-wildlife conflict mitigation, conservation outreach through religious approaches, protected area establishment and management, road impact mitigation, sustainable forest management and wildlife corridor design and management.

I have a proven track record of securing research grants and awards totaling over USD3.6 million from diverse sources, including scientific organizations, government agencies, universities corporations, and private donors. My publication record includes over 50 peer-reviewed papers in leading ISI journals such as *Nature*. Apart from publishing a book and several book chapters, I have also published several articles in non ISI journals, conference proceedings and magazines. I am extremely collaborative in nature and this is reflected by over 100 local and international coauthors in my publications. I have reviewed over 70 manuscripts for 20 different international and

local scientific journals, and I am on the Editorial Board of the Royal Society Journal *Biology Letters*. I have shared my research findings in oral presentations at major annual international conferences such as the annual meetings of the Association for Tropical Biology and Conservation. I also make it a point disseminate my latest research findings to Malaysian and international reporters, who have featured my research in popular media outlets such as *BBC*, the *New York Times*, *Mongabay*, *National Geographic*, *Nature* and *CNN*.

I have lectured in modules on wildlife management, statistics and scientific writing and have the relevant experience to develop course material on tropical conservation science. I have also given numerous talks on ecology and conservation, voluntarily or by invitation, to the public, students from primary and secondary schools, students at universities and government officers. I am currently supervising 3 MSc and 1 PhD students and had 1 MSc student recently graduate from Malaysia.

Together with my wife, I co-founded a non-profit research group known as Rimba (rimbresearch.org), which conducts research that contributes to the conservation of Malaysian biodiversity. My most important conservation achievements include improvements to several Federal and State government policies and improved protection for species and habitats on-the-ground in Perak and Terengganu. My current project in Rimba, Harimau Selamanya, conducts research to safeguard Terengganu's wildlife and forests and to assist the Terengganu State government in gazetting its first state park in Kenyir.

Selected Publications:

See here for full list: <http://scholar.google.com/citations?user=4omO-JQAAAJ&hl=en>

Clements GR, Lynam, AJ, Gaveau D, Yap, WL, Lhota, S, Goosem M, Laurance S & Laurance WF (2014).

Where and how are roads endangering mammals in Southeast Asia's forests? *PLoS ONE* 9: e115376.

Laurance WF, **Clements GR**, Sloan SP, O'Connell CO, Mueller NP, Goosem M, Venter O, Edwards DP, Phelan B, Balmford A, Van Der Ree R, Arrea IB (2014). A global strategy for road building. *NATURE* 513: 229-232.

Clements GR, Bradshaw CJA, Brook BW & Laurance WF (2011). The SAFE index: using a threshold population target to measure relative species threat. *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT* 9: 521-525.

Clements GR, Sayer J, Boedhihartono AK, Venter O, Lovejoy T, Koh LP & Laurance WF (2010). Cautious optimism over Norway-Indonesia REDD pact. *CONSERVATION BIOLOGY* 24: 1437-1438.

Clements R, Rayan DM, Ahmad Zafir AW, Venkataraman A, Alfred R, Payne J, Ambu L & Sharma DSK (2010). Trio under threat: can we secure the future of rhinos, elephants and tigers in Malaysia? *BIODIVERSITY AND CONSERVATION* 19: 1115-1136.

Clements R, Liew T-S, Vermeulen JJ & Schilthuizen M (2008). Further twists in gastropod shell evolution. *BIOLOGY LETTERS* 4: 179-182.

Clements R, Sodhi NS, Ng PKL & Schilthuizen M (2006). Limestone karsts of Southeast Asia: imperiled arks of biodiversity. *BIOSCIENCE* 56: 733-742 (Cover article).