

TROPILUNCH

THE AMAZON THIRD WAY INITIATIVE (sustainable development based on modern technologies to harness the biological and biomimetic assets of Amazon's biodiversity)

DR. CARLOS NOBRE

Science Director of the Research Project "National Institute of S&T for Climate Change." Senior Fellow of WRI Brazil and chair of the Brazilian Panel on Climate Change.

TUESDAY, MARCH 27

12:45 – 1:45

GRINTER 376

OPEN DISCUSSION (1:45 – 2:45) — REFRESHMENTS WILL BE PROVIDED

***Dr. Nobre will give two talks and be involved in several informal discussions during the week, and will be based in 380 Grinter Hall. We welcome you to the various talks, discussions and social events. If you would like to meet individually with Dr. Nobre, please email loiselleb@ufl.edu ***

Tropilunch is a weekly seminar run by graduate students from the Tropical Conservation and Development (TCD) Program. It provides a forum for a range of discussions and presentations related to TCD work and research. Special guests, visiting scholars and practitioners also participate. It happens every Tuesday @t 12:45 – 1:45 p.m. in Grinter 376. Tropilunch presentations are recorded and posted weekly on TCD's [YouTube Channel](#).

SUMMARY

For many decades, the effort to develop the Amazon has been torn between two rather opposed--and hard to reconcile--views: conservation (that we call 'First Way') versus resource-intensive development (that we call 'Second Way'). There has been considerable efforts by governments and NGOs to reconcile those two views through agricultural 'sustainable intensification', but with meager results. We argue that there may be a 'Third Way' for sustainable development of the Amazon based on utilizing the modern technologies of the 4th Industrial Revolution to harness the biological and biomimetic assets of Amazon's biodiversity. This Third Way has the potential to support a standing forest-flowing river bio-economy and be socially inclusive. The determinants for implementation of the Third Way will be discussed.

BIO:

Carlos Nobre is currently Science Director of the Research Project "National Institute of Science and Technology for Climate Change", Senior Fellow of WRI Brazil and chair of the Brazilian Panel on Climate Change. He was a Senior Scientist at the National Institute for Space Research (INPE) of Brazil. He is the creator of Brazil's National Center for Monitoring and Alerts of Natural Disasters and INPE's Center for Earth System Science and was Director of INPE's Center for Weather Forecasting and Climate Studies (CPTEC). Nobre's work focused on the Amazon and its impacts on the Earth system. He chaired the Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA), an international research initiative designed to create the new knowledge needed to understand the climatic, ecological, bio-geochemical, and hydrological functioning of Amazonia, the impact of land use and climate changes on these functions, and the interactions between Amazonia and the Earth system. He has been also a member of the Intergovernmental Panel on Climate Change (IPCC), He was National Secretary for R&D Policies at the Ministry of Science, Technology & Innovation of Brazil and President of Brazil's Agency for Post-Graduate Education (CAPES). He was a member of UN Secretary-General Scientific Advisory Board for Global Sustainability. He is a foreign member of the US National Academy of Sciences, and member of the Brazilian Academy of Sciences and World Academy of Sciences.