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Isabel MD Rosa is a Lecturer in Environmental Data Analysis at Bangor University (Wales, UK), after completing a Marie Skłodowska-Curie Research Fellowship at the German Centre for Integrative Biodiversity Research (iDiv). She obtained her PhD in Computational Ecology from Imperial College London (2013) and is an author of 16 peer-reviewed publications in journals such as Nature Ecology and Evolution, Current Biology and Global Change Biology. Rosa has vast experience in developing scenarios of future land use and land cover change, particularly in the tropics. Her model was used to project scenarios of deforestation in the Amazon (PLOS One 2013, Reg. Env. Change 2015), to identify priority areas for conservation in Brazil (Conservation Biology 2015) and estimate the legacy of modern tropical deforestation (Current Biology 2016). It is currently being used to produce scenarios of deforestation in Colombia (pre- and post-conflict); to assess the impact of the Forest Code in the Pantanal region; and in Borneo to help identifying priority areas for orangutan conservation.
Rosa has an active role within the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), particularly in the activities of the Scenarios and Models Expert Group, which resulted in a publication delineating the next-generation of IPBES scenarios (Rosa, et al. 2017) and the IPBES global biodiversity scenarios model intercomparison (Kim et al. 2018) that informed the ongoing IPBES Global Assessment (Chapter 4).

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