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The Global Ecosystem Research Infrastructure (GERI): Organizational Overview and ongoing development.

Henry W. Loescher[1,2], Beryl Morris[3], Michael Mirtl[4,5], Steffen Zacharias[4], Jaana Back[6], Tommy Bornman[7,8,9], Gregor Feig[10], Xiubo Yu[11,12], Michael SanClements[1,13], and Paula Mabee[1]

[1]Battelle, National Ecological Observatory Network (NEON), Environment and Infrastructure, Boulder, United States of America

[2]Institute of Alpine and Arctic Research, University of Colorado, Boulder, CO, USA; University of Colorado, Boulder, CO, USA

[3]Terrestrial Ecosystem Research Network (TERN) Australia, The University of Queensland, Brisbane, QL, Australia

[4]Department Monitoring and Exploration Technologies, Helmholtz Centre for Environmental Research (UFZ) GmbH, Leipzig, Germany

[5]Umweltbundesamt GmbH, Environment Agency Austria, Vienna, Austria

[6]Department of Forest Sciences, University of Helsinki

[7]Department of Biochemistry and Microbiology, Rhodes University, Makhanda, South Africa

[8]South African Environmental Observation Network (SAEON)

[9]Institute for Coastal and Marine Research, Nelson Mandela University, Gqeberha, South Africa

[10]South African Environmental Observation Network (SAEON), Elwandle Coastal Node, Gqeberha, South Africa

[11]Chinese Academy of Sciences (CAS) Secretary General, Chinese Ecosystem Research Network (CERN)

[12]Institute of Geographic Sciences and Natural Resources Research, Beijing, China

[13]Department of Geological Sciences, University of Colorado, Boulder, CO, USA

We recognize that contemporary environmental challenges transcend geopolitical boundaries. The Global Ecosystem Research Infrastructure (GERI) was formed to address the nature and magnitude of these challenges through cross-border global perspectives and collaborations. GERI brings together six large-scale (continental) ecosystem research infrastructures (RIs) from around the world. The GERI member RIs are: SAEON in South Africa, TERN in Australia, CERN in China, NEON in the USA, and ICOS and eLTER in Europe) to federate the programmatic work needed for concerted operations, collaborations, and the provisioning of interoperable data and services. Here, we present the historical activities that brought these RIs together, how we established a structured governance, engagement with other networks, and current overview of GERIs data harmonization and common services activities. We will also present current programmatic challenges as GERI continues to develop internationally and seek community input and involvement.