



Inter-operational System of Global Change Research Data Publishing and Repository

Chuang Liu (1), Ruixiang Shi (2), Banghui Yang (3), Jinnian Wang (4), and Waweru Mwangi (5)

(1) Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China (lchuang@igsnr.ac.cn), (2) Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China (shirx@igsnr.ac.cn), (3) Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, Beijing, China (yangbh@radi.ac.cn), (4) Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, Beijing, China (jwang@radi.ac.cn), (5) Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya (waweru_mwangi@icsit.jkuat.ac.ke)

Global Change Research Data Publishing and Repository has been operated by Institute of Geographical Sciences and Natural Resources Research (IGSNRR) of Chinese Academy of Sciences cooperating with Geographical Society of China (GSC), CODATA Task Group of Preservation of and Open Access to S&T Data in Developing Countries (CODATA-PASTD), Jomo Kenyatta University of Agriculture and Technology of Kenya (JKUAT), National Data Sharing Platform for Earth System Sciences of China and Digital LIN Chao Geomuseum. The system has been inter-operated with the China DOI node system and the National Data Sharing Platform for Earth System Sciences of China, the National Polar Data Centre of China and the Data Sharing System of Geoinformation Centre of China and the Digital LIN Chao Geomuseum. The function of the system to be inter-operated with the iAuthor system (ORCHID node in Beijing) and JKUAT/Kenya node system is planning to be implemented. 36 Datasets including Global Land Cover Datasets in 30 meters resolution have been published through this system, full and open services are also included.