

IOP Conference Series: Earth and Environmental Science

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2nd International Conference on Science and Sustainable Development (ICSSD 2018)

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ICSSD 2018 Preface

The second series of the 2018 International Conference on Science and Sustainable Development (ICSSD 2018), with the theme “The Role of Science in Novel Research and Advances in Technology” was held from 14th to 16th May, 2018, in Center for Research, Innovation and Discovery, Covenant University (CUCRID), Nigeria. The conference was hosted by the Department of Physics, Covenant University, Ota, Ogun State, Nigeria and supported by CUCRID, Covenant University, Petrodata Management Services Limited and some individuals. ICSSD 2018 had series of robust sessions including two (2) keynote speakers (Prof. Paulinus Ekene Ugwuoke and Dr. NANA Ama Browne Klutse), two (2) plenary speakers (Prof. Marvel L. Akinyemi and Prof. Solomon Oranusi), and nine (9) parallel sessions.

Every Innovative society of knowledge emanates from excellent and relevant scientific research results. Science and technology are fundamentally the key drivers to economic advances, improvements in health systems, education and infrastructure. Empirical research results have shown that innovation leads to new and improved products and services, higher productivity, lower prices and new advances in scientific knowledge. Innovation geared towards sustainable development has the potential to lift economic growth, create green jobs, boost social development, while at the same time contributing to environmental protection and conservation. The development of solutions to these key global challenges, and the transition towards ‘green societies’ will require the mobilization of a wave of creativity and intensive research focused on need.

The Department of Physics is happy to report success in the number of papers submitted and presented in ICSSD 2018, which are greater than the one we recorded in ICSSD 2017 (<https://www.rgnpublications.com/journals/index.php/jims/issue/view/62>). The full papers were blinded peer reviewed by number of experts and revised by the authors prior to final acceptance. The current issue of *IOP Conference Series: Earth and Environmental Science (EES)* records the proceedings of ICSSD 2018, with six (6) specialized topics. The topics are Applied Sciences, Communication/Atmospheric Physics, Environmental Sciences, Geosciences, Radiation and Health/Medical Physics, and Renewable Energy, which will be useful for government and policy makers.

We are glad to inform you that the next series of ICSSD will be hosted by the same body at the same place. More information will be available at the conference website (<http://icssd2018.covenantuniversity.edu.ng/>) and communicated to your corresponding e-mails.

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