



THE Impact Rankings Questionnaire

University : Universitas Indonesia
Country : Indonesia
Web Address : www.ui.ac.id



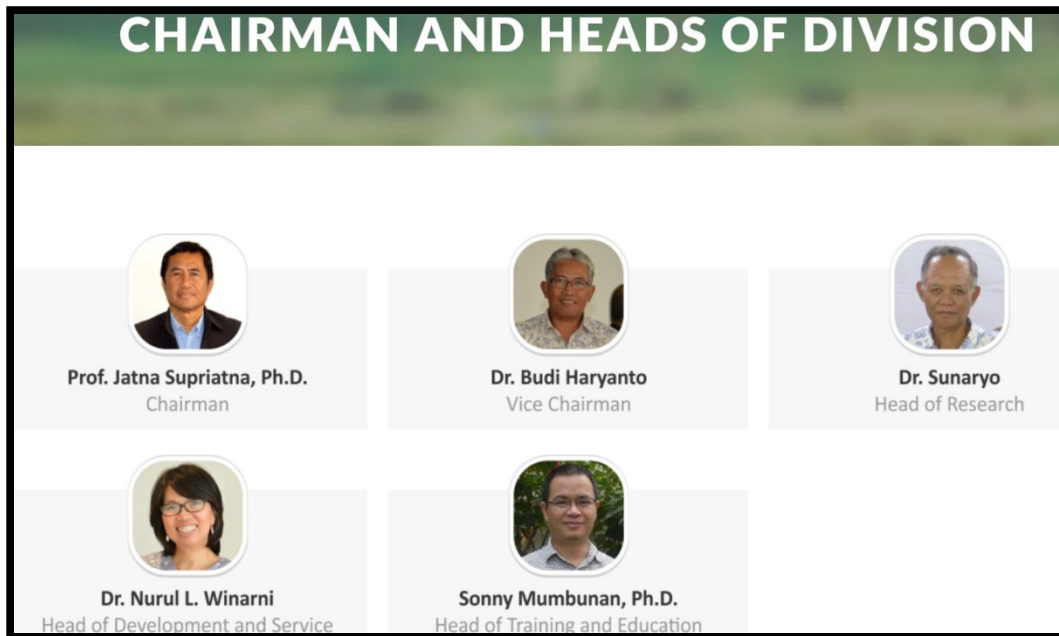
[13] SDG13: Climate action

[13.3] Environmental education measures

[13.3.3] Co-operative planning for climate change disasters

Universitas Indonesia is participating in co-operative planning for climate change disasters, working with the government through the Research Center for Climate Change (RCCC), Blue Economy Seminar, and Climate Change Danger. RCC cooperates with the government, industries, and both local and global NGOs collaboration on research, education, and training, and shared challenges in climate change. Blue Economy is a concept of economic development which aims to generate food security that all countries strive for on account of population growth and limited food sources. Center for Anthropological Study (Department of Anthropology, Faculty of Social and Political Sciences) collaborates with RCCC UI and Research and Publication FISIP UI presents a seminar entitled: Climate Change: It's Danger for Our Production and Why It Escapes Our Prediction.

There is a growing relationship developing between Universitas Indonesia, the Indonesian government, universities, as well as other national and international institutions. Universitas Indonesia through RCCC – UI has been a member of the Association of Pacific Rim Universities (APRU) that includes 42 of the leading research universities across the Pacific Rim. A collaboration agreement has been developed with Cornell University, the University of Reading, Center for Environmental, Economy, and Society (CEES) – Columbia University, and Center for Global Field Study – University of Washington. At the national level, RCCC – UI has been in partnership with the National Council for Climate Change (DNPI). REDD+ Task Force/President’s Delivery Unit for Development Monitoring and Oversight (UKP4), Ministry of Environment, Ministry of Health, and Ministry of Marine Affairs and Fisheries in research activities, training, and symposia.



Board of Research Center for Climate Change

Description :

a. Research Center for Climate Change



Recent studies have confirmed that human activities post-industrial revolution are dangerously changing the climate and have negative impacts on the general livelihoods. They cause significant changes in physical and biological systems. World summit meetings on climate change that started in the 1990s have increased the attention of the global community to these problems and forces to build action plans for climate change mitigation and adaptation both at international and national levels.

Indonesia as a tropical island nation and developing country will be one of the most affected by climate change. With this in mind, Indonesia has committed to reducing carbon emissions to help in stopping further alteration of the climate. National policies, developments, and research in Indonesia are being developed towards the mitigation and adaptation of climate change.





Universitas Indonesia (UI) has more than half a century history of knowledge development in Indonesian studies. Located in the capital city, it has the most opportunity to influence the nation's policy developments. Most importantly, it has Indonesia as its study sites. The largest tropical island nation in the world, with a unique, very high diversity of geo-characteristics, biodiversity, human socioeconomic and culture, yet at the same time, is very vulnerable to the impact of climate change. All of these provide '*opportunities without boundaries*' for UI to develop excellent research and become one of the leading climate change research centers in the world.

Research Center for Climate Change – University of Indonesia (RCCC – UI) was established in 2010, and its office is located on the 7th floor of Multidiscipline Lab Pertamina FMIPA Building of Universitas Indonesia in the Depok campus. The research center has been actively engaged in climate change issues since then. Working under the Institute for Sustainable Earth and Resources (I-SER) at the Faculty of Mathematics and Natural Sciences Universitas Indonesia (FMIPA-UI), RCCC – UI adopts the vision and mission of UI especially in the field of climate change as follows: **“UI is to be acknowledged as a research university and the center of excellence in science, technology, and culture.”** The university aims to become a core center (center of excellence) and the forefront of research by conducting leading/key-cutting edge research. Through its research activities, in the next five years, UI envisages itself as an Asia class university and will be regarded as a trendsetter in the scientific community. To date, RCCC – UI can be considered as one of the leading research centers within Universitas Indonesia and can implement the vision and mission especially in climate change research. Research Center for Climate Change – University of Indonesia (RCCC – UI) aims to:

- improve research and trainings on climate change in Indonesia;
- bring together national and global climate change stakeholders;
- develop scientific breakthrough on climate change studies;
- transform research results for various stakeholders and the public, and position Universitas Indonesia as a role model in formulating policies and actions to cope with climate change.

Source: <https://rccc.ui.ac.id/>

b. Blue Economy Seminar

Blue Economy is a concept of economic development, introduced and developed by Prof. Gunter Pauli. The main aspects of the Blue Economy are:

1. Concerns for the environment
2. Continuous build
3. Emission minimization and zero waste.
4. Multiple cash flow
5. Stimulating innovation
6. Closely relating to science and technology
7. Community development and stakeholders involvement.

The approach aims to generate food security that all countries strive for on account of population growth and limited food sources.

The seminar was held in cooperation with Blue Economy Foundation on Friday, June 26, 2015, at Building B's second-floor Rumpun Ilmu Kesehatan (RIK) room KB 203, in Depok campus. Prof. Gunter Pauli himself was present as one of the Blue Economy's founders, along with Dewi Smaragdina, S.E., M.Sc. as the founder of Blue Economy Foundation. Moderated by Sonny Mumbunan, Ph.D., this seminar captured the interest of more than 50 participants from different groups such as college students, private institutions, NGOs, and students. On this special occasion, Prof. Emil Salim also attended the seminar as a guest.

c. Climate Change Danger

Center for Anthropological Study (Department of Anthropology, Faculty of Social and Political Sciences) University of Indonesia in collaboration with Research Center for Climate Change — Universitas Indonesia (RCCC UI) and Research and Publication FISIP UI proudly presented a seminar entitled: **Climate Change: It's Danger for Our Production and Why It Escapes Our Prediction** with **Prof. Cornelis J. (Kees) Stigter** (Agromet Vision, The Netherlands and Indonesia) as the main speaker, and moderated by **Dr. Lisman Manurung** (Department of Administration Science, University of Indonesia). The seminar started with opening speeches from **Dr. Arie Setiabudi Soesilo, M.Sc.** (Dean of FISIP UI) and **Dr. Jatna Supriatna** (Director of RCCC UI)

Evidence Links:

The List of Researches on Climate Change from RCC

No	Event	Link	Year
1	DEVELOPING SOLUTIONS FOR CLOSING THE YIELD GAP IN INDEPENDENT SMALLHOLDER OIL	https://rccc.ui.ac.id/2019/08/30/developing-solutions-for-closing-the-yield-gap-in-independent-smallholder-oil/	2019
2	JAKARTA AIR QUALITY FOR ASIAN GAMES 2018	https://rccc.ui.ac.id/2018/02/14/jakarta-air-quality/	2018
3	REDUCING FOREST CARBON EMISSION	https://rccc.ui.ac.id/2017/11/29/reducing-forest-carbon-emission/	2017
4	CLIMATE ACTION ON THE GROUND	https://rccc.ui.ac.id/2017/04/28/climate-action-on-the-ground/	2017
5	INDONESIAN CLIMATE CHANGE CRISIS	https://rccc.ui.ac.id/2015/12/03/indonesian-climate-change-crisis-opportunities-and-challenges/	2015
6	UN SDSN NATIONAL WORKSHOP	https://rccc.ui.ac.id/2015/10/29/un-sdsn-national-workshop/	2015
7	BLUE ECONOMY	https://rccc.ui.ac.id/2015/06/26/blue-economy/	
8.	CLIMATE CHANGE DANGER	https://rccc.ui.ac.id/2015/05/18/climate-change-danger/	



The list of publications on climate change

Year	Name	Title
2016	Nurul L. Winarni	<u>Phenology, Climate, and Adaptation: How Does Dipterocarps Respond to Climate?</u>
2017	Jatna Supriatna	<u>Impact of climate change on potential distribution of xero-epiphytic selaginellas (<i>Selaginella involvens</i> and <i>S. repanda</i>) in Southeast Asia</u>