

Japan-ASEAN Science and Technology Innovation Platform (JASTIP)



"Bioresources and Biodiversity for Achieving SDGs"



Event Place, Date

www.lipi.go.id

WP3 Joint Laboratorium



Bio-resources · Biodiversity

Indonesian Institute of Sciences (LIPI)



LIPI

- Center for Innovation
- RC Biomaterials
- RC Biology





Kyoto University

- Grad. School of Agric.,
- Res. Inst. Sustainable Humanosphere

MEXT/JST launched a new project; Japan – ASEAN Joint Research Center

Research Significance · Creativity · International Advantages

Bio-resources · Biodiversity : Biodiversity as a resource – Effective utilization of useful tropical plants

Enhancing tropical biodiversity databases to investigate useful tropical plants

Need for **ownership-based resource development** enacting the Convention on Biological Diversity for genetic resource development

Joint research focusing on the entire region is logical in terms of biology and resource studies considering overlaps of flora in the ASEAN region

Enhancing biodiversity databases to investigate useful tropical plants

R&D into tropical plant improvement, conversion into fuel and functional materials

Need for international cooperation between ASEAN nations and developed countries developing biomass technologies for new environment-friendly industries around sustainable production and advanced uses of biomass in ASEAN region, based on the characteristics of bio-resources across the region.

Methods to convert useful tropical plants into fuel, functional materials, and food, and joint development of highstrength, durable wood structures and materials

Satellite Center: Indonesian Institute of Sciences (LIPI)

Forty-one branches - Indonesia's largest national research institute

Partnership with two biological science research Centers

Research Center for Biology	With a world-leading collection of animals and plants, the center conducts national-level research into use of biodiversity as a resource.		
Research Center for Biomaterials	National research institute researching property analysis of Indonesian timber resources, conversion to functional materials, and timber deterioration control.		
ASEAN Network	LIPI Innovation Support is available for applications and social implementation LIPI has strong links to NSTDA and TISTR in Thailand in the fields of biodiversity and bio-resources. Opportunities to		
Strong partnerships with Japanese organizations (Research Center for Biology)	Kyoto Univ., Kagoshima Univ., Hokkaido Univ., Tottori Univ. Faculty of Engineering, Hokkaido Univ. of Education, Hokkaido Institute of Technology, Kanazawa Univ., Univ. of Shiga Prefecture, National Institute for Environmental Studies, Forestry and Forest Products Research Institute, National Institute of Technology and		



Activity in This FY

Scientist exchange

From Japan to Indonesia

RISH, Kyoto Univ.

Takashi Watanabe	10/18-10/21
Tsuyoshi Yoshimura	11/4-8
Kenji Umemura	12/10-12/12
Takuro Mori	12/10-12/12

Faculty of Agric. Kyoto Univ.

Mamoru Kanzaki 10/18-10/21, 3/16-3/25

Graduate School of Fisheries and Environmental Sciences, Nagasaki University Takahiro Ohta 3/16-3/26

The Research Institute for Humanity and

Nature

Daisuke Niato

3/16-3/25

From Indonesia to Japan

LIPI RC Biomaterial & RC Biology

Titik Kartika 11/16-12/3 Subyakto $2/16 \sim 2/21$ Yusup Amin 2/16~2/24 Widya Fatriasari $2/16 \sim 2/25$ Dede Heri Yuli Yanto $2/16 \sim 2/26$ Titik Kartika $2/16 \sim 2/27$ Bramantyo W. $2/26 \sim 3/2$ Ni Putu Ratna Ayu $2/26 \sim 3/2$ $2/16 \sim 2/30$ Danang Sudarwoko Agung Sumarno $2/16 \sim 2/31$ Andria Agusta 3/1-3/10





Workshop

Feb 17 (Wed), 2016 15:00-18:00. Venue: Meeting room, S248, RISH, Kyoto University

Introduction (JASTIP, Asia Res Node, SATREPS)

Research on Bioresources , Biodiversity and Biomass Utilization

Current research and proposal

- Subyakto
 Yusun Ami
- Yusup Amin
 Widya Fatriasari
- Dede Heri Yuli Yanto
- ♦ Titik Kartika
- Bramantyo Wikantyoso
- Ni Putu Ratna Ayu Krishanti
- Danang Sudarwoko Adi
- Agung Sumarno
- Toshimitsu Hata

Discussion for international collaboration









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Feb 2016











Joint Labo Coordinator





Ririn Dyah Wijayanti

Planning for Next FY (2016-2017)

- Set up Joint laboratory in RC Biology and RC Biomaterials
- Scientist exchange and collaboration study
- > WP3 Symposium in Jun, 2016
- > Joint Symposium of WP3 and HSS in Autumn, 2016



