

Introduction to activities of the NIES AIM/Impact team in FY2018

Kiyoshi Takahashi


Member list [FY2018]




Dr. Yasuaki Hijioka, Integrated impact assessment



Dr. Naota Hanasaki, Global impact assessment (Water resource)




Dr. Masashi Okada, Global/regional impact assessment (Agriculture)



Dr. Kazutaka Oka, Global/regional impact assessment (Renewable energy) and climate scenarios



Dr. Kiyoshi Takahashi, Global integrated impact assessment



Dr. Junya Takakura, Global-scale impact assessment (Health, Economics)



Dr. Zhipin Ai, Regional impact assessment (Hydrology)



Dr. Julien Eric Stanislas Boulange, Global impact assessment (Hydrology)



Dr. Ronald Estoque, Regional impact assessment (land use, cities)




Dr. Akiko Hirata, Regional impact assessment (Ecosystem)



Dr. Noriko Ishizaki, Meteorology and climate scenarios




Dr. Satbyul Estella Kim, National-scale impact assessment (Human health)



Dr. Yongwon Mo, National-scale impact assessment (Ecosystem and landscape)



Dr. Kumiko Takata, Regional impact assessment (Hydrology)



Dr. Wenchao Wu, Land-use scenarios and bioenergy potential analyses

Collaborators:

- Ex-members: **Dr. Yuji Masutomi**, **Dr. Huicheul Jung**, Dr. Yonghee Shin, Dr. Takahiro Yamamoto, Dr. Yoshimitsu Masaki, Dr. Akemi Tanaka, Ms. Keiko Takahashi, **Dr. Haruka Ohashi**, Dr. Xuanming Su, Dr. Qian Zhou, Dr. Hiroshi Sao, Dr. Saeko Matsuhashi
- **Oral Speakers**; **New members**; Members recently moved to other institution

On-going and recently completed research projects

- **NIES Low-Carbon Research Program**
 - Climate change and global risk assessment
[Takahashi, Hijioka, Hanasaki, Su, Sao; 2016.4-2021.3]
- **ERTDF-S14 (a.k.a. MiLAI) (funded by the MoE, Japan)**
 - Global mitigation and local adaptation to climate change
[Hijioka, Hanasaki, Fujimori, Takahashi, Zhou, Takakura; 2015.6-2020.3]
- **NIES Integrated Research Program**
 - Integrated analyses of Environment-Economy-Society
[Takahashi, Hijioka, Hanasaki, Su, Sao; 2016.4-2021.3]
- **ERTDF 2-1702 (funded by the MoE, Japan)**
 - Integrated analyses of climate policies for simultaneous realization of the Paris Agreement and the SDGs
[Takahashi, Masui, Fujimori, Hasegawa, and others; 2016.4-2021.3]
- **NIES Adaptation Research Program**
 - Monitoring and projection of climate impacts and adaptation strategy analyses
[Hijioka, Hanasaki, Takahashi, and others; 2018.8-2021.3]
- **SICAT (funded by MEXT, Japan)**
 - Social implementation of climate change adaptation technology in Japan
[Hijioka, Takahashi; 2015.11-2020.3]
- **ERTDF 2-1802 (funded by the MoE, Japan)**
 - Development of Japan-SSPs
[Matsuhashi, Takahashi, Masui, Fujimori, Hasegawa, and others; 2018.4-2021.3]
- **MoE project for supporting the development of state-level adaptation plans in Indonesia and in VietNam**
 - [Takahashi; 2015.9-]
- **A-PLAT & AP-PLAT (funded by MoE, Japan)**
 - Information platform for supporting and promoting adaptation planning and implementation in Japan and other Asian countries
[Hijioka, Takahashi, Okada; 2016.8-]

Presentations in Sessions 6 and 7

Session 6

Global impacts /
climate policy
and SDGs

- Integrated assessment of the economic impacts of climate change: Results of S-14 project (Dr. Takakura)
- Climate policies and biodiversity (Dr. Haruka Ohashi, FFPRI)
- Identifying trade-offs and co-benefits of climate policies in China to align policies with SDGs and achieve the 2° C goal (Dr. Liu)
- Varying benefits of irrigation expansion for crop production under a changing climate (Dr. Okada)

– [coffee break]

Session 7

Impact and
Adaptation in Asia

- Climate adaptation act and related activities in Japan (Dr. Oka)
- Introduction to climate change adaptation planning in the public enterprise in Korea (Dr. Jung)
- Institutionalizing to empowerment: Strategizing decision support tools for long-term local climate adaptation planning (Ms. Jung Prof. Lee)
- Impact assessment of changes in the emission of BC and SO₂ on rice productivity in Asia (Prof. Masutomi)

ご清聴ありがとうございました
Thank you for your attention



Asia-Pacific Integrated Model

<http://www-iam.nies.go.jp/aim/index.html>

