



***Symposium 2011*** December 16 - 17  
Keio University, Mita Campus

## From Post-Disaster Reconstruction To the Creation of Resilient Societies

*Programs and Actions on Mitigation and Adaptation to Climate Change in Asia and Africa  
The 2nd Annual Environmental Innovators Symposium in Tokyo*



## What lessons can we learn from disaster?

On March 11, 2011 northeast Japan was struck successively by a series of large earthquakes, tsunamis, and nuclear disasters. Each event brought unimaginable damage to the Tohoku region and the effects continue to be felt throughout the country more than half a year later.

Although the cause is different the gross effect of the disaster shares many of the features that we expect in the wake of extreme climatic events borne of climate change. In the first weeks after the disaster the fragility of modern society was made abundantly clear in Japan - even areas far from the center of the disaster were faced with power rationing, gasoline and food shortages and failures in the transportation infrastructure. The disaster not only devastated the Tohoku region but had a sharp impact on far-flung areas that relied on Tohoku for the food, goods, and services that make contemporary daily life possible.

The scale and intensity of the disaster in Japan has been so large that reconstruction has taken on unprecedented complexity, quickly overwhelming the capacity of conventional planning. In light of our recent experience it seems at least prudent to take the problems we now face as a warning call and work to build a more resilient society and to extend that ambition to the global community.

It is worth remembering that disaster is not new to the human experience. Cultures around the world have been, and continue to be, shaped by floods, storms and drought. In that sense there is already a body of knowledge, gathered through hard experience, that suggests ways to adapt to extreme events. At the same time Japan is currently learning new lessons as the nation adapts to emerging conditions brought on by the disasters and by radical changes in the environment. If we are able to negotiate these changes successfully we may be in a position to add to a knowledge base that will become more and more essential to the world at large.

In order to bring some of these lessons and challenges to light, Keio University organized this symposium to look "From Post-Disaster Reconstruction to the Creation of Resilient Societies" with special emphasis on how the varied responses can lead to sustainable development. This is the second in a series of annual meetings dedicated to the broader topic of "*Programs and Actions on Mitigation and Adaptation to Climate Change in Asia and Africa (PACC)*". This event is sponsored by *the project for Fostering Environmental Leaders in Asia and Africa*, and supported by Japan Science and Technology Agency (JST). It is also organized as the inauguration of the *Research Center for Climate Change Adaptation* at Keio University which begins its new roles as the northeastern Asian Sub-Regional Node of the Asia-Pacific Adaptation Network (APAN) which was initiated by United Nations Environmental Programme (UNEP). We hope this symposium will become a platform for specialists from international organizations, researchers, professionals, and students to share innovative ideas and the latest progress in post-disaster reconstruction toward the resilient societies.

The two days symposium consists of keynote speeches, general presentation, panel discussions and poster sessions. It also consists of a 24-hour student workshop. We urge you to participate in the symposium and contribute your ideas to all of the discussions.

Wanglin Yan, Symposium Executive Chair, Keio University  
Hideyuki Mori, Symposium Co-chair, President, IGES



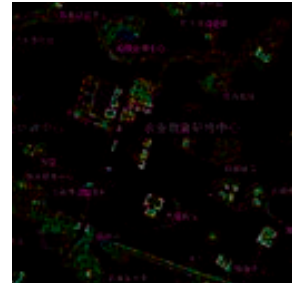
Emergency housing in Kesenuma



Measuring high temperature mudslides in Indonesia (Yasushi Kiyoki lab)



Damage in Kesenuma after tsunami



Tokyo Univ. and Keio. Univ. Post-disaster re-construction design in Sichuan, China



Minami San-riku Community Meeting Place (Hiroto Kobayashi lab, Keio University) with Miho Mazzereuw (Harvard GSD) and Yoshihiro Hiraoka (Miyagi Univ)

## Disaster Response

Disaster-proofing the Built Environment  
(Architecture + Urban Planning)

Disaster management

Social Entrepreneurship

Social Equity

## Sustainable Development

Civil Society And Local Empowerment

Infrastructure Design

Ecosystem Management

Energy Technology And Policy

Climate Change Adaptation/mitigation

## Resilience Building



Coke Dry Quenching Research Project, Qiu Yizhen (Wanglin Yan Lab)



Acadex Primary School Project - DR Congo (Hironori Matsubara lab)



Aforestation/Reforestation CDM in Hunan China (Wanglin Yan Lab)



Mongolia Adaptation Fieldwork, Doctoral Candidate, Akihiro Oba

## Agenda

### December 16, 2011 - Friday

Mita Campus, North Building

- 08:30 - 09:00 **Registration**
- 09:00 - 09:40 **Opening Remarks and Keynote Speech by Dr. Young-Woo Park (Regional Director, UNEP)**
- 09:40 - 10:45 **Session 1 - Adaptation and network Building in the Asia Pacific Region (APAN)**  
*The event will begin with the official commencement of Keio University as the Regional Node for APAN (Asia Pacific Adaptation Network), a network of researchers and practitioners created to exchange knowledge with the support of the United Nations Environment Programme (<http://www.apan-gan.net/>). The session will be used to present the goals and accomplishments of the participants of the network in Asia.*
- 10:45 - 11:00 Break
- 11:00 - 12:15 *Session 1 continues*
- 12:15 - 13:15 Lunch
- 13:15 - 15:15 **Session 2 - Approaches For Resilience Building Through Post-Disaster Reconstruction**  
*The proposed panel discussion will examine the need to balance the bottom-up requirements of local communities with the top-down demands of government and consider how it may be possible to harness both aspects to create a sustainable society in the wake of disaster. Presenters will offer insights through their experience of taking on real projects, and discuss the challenges and successes of involving community in the reconstruction effort. Note - This session will form the introduction for a student workshop to take place parallel to the symposium panel discussions on December 16 and December 17, 2011.*
- 15:15 - 15:00 (24 hrs) **The Creation of Resilient Cities (24 hour Workshop @ TOHO Building)**
- 15:15 - 15:30 Break
- 15:30 - 17:30 **Session 3 - Green Economics and Resilient Society in a Post-Fukushima Era**  
*This session will explore opportunities for building a sustainable and green economy in the wake of the Tohoku disaster. In a post-nuclear era, focus on the development of sustainable and safe energy, as well as on the creation of smart and resilient communities and cities will be essential. The discussion will address the challenges involved in transitioning from an energy system dominated by nuclear power and fossil fuels, towards a system that includes a significant expansion of safer and cleaner renewable energy sources. At a larger scale the session will be used to consider the ways such an effort can be connected to the global ambition to halve greenhouse gas emissions by 2050 and to support low-carbon development.*

### December 17, 2011 - Saturday

Mita Campus, G-Sec Building

- 08:30 - 09:00 **Registration**
- 09:00 - 10:15 **Session 4 - Local Communities and Resiliency in the Face of Climate Change**  
*This panel discusses the policy issues, technology issues, and economic issues in local and cross-border environmental risks and recovery initiatives, and places these issues in the context of building resiliency at the local level. Regions discussed are South Asia, Southeast Asia, and China including Taiwan, as well as Africa.*
- 10:15 - 10:45 Break ●Poster Session
- 10:45 - 12:00 *Session 4 continues*
- 12:00 - 13:00 Lunch ●Poster Session
- 13:00 - 15:00 **Session 5 - Understanding Resiliency Through Project-Based Learning**  
*What is the role of education in response to climate change?  
While disasters may require reconstruction it is not easy to incorporate the long-term goals of resiliency building when faced with the more compelling and immediate concerns of rebuilding communities. This session will therefore focus on ways to incorporate these issues into a practice-based education. Topics will include the need to educate students about the importance of social issues, the problem of balancing short term outcomes with long-term visions, and of taking on large-scale ideas with small-scale projects.*
- 15:00 - 15:30 Break ●Poster Session
- 15:30 - 17:30 **Session 6 - Discussion for Further Collaboration**  
*Session Reports and group discussion; Proposal for continuing Initiative*
- 17:30 - 18:00 **Closing Remarks**
- 19:00 - 21:00 **Closing Party and Networking Event** South Building 4F

*Note: Simultaneous Translations will be provided in English and Japanese for the first day only. Otherwise the event will be conducted in English.  
For further information: <http://ei.sfc.keio.ac.jp/symposium2011>*

## 12月16日（金）

三田キャンパス、北館

08:30 - 09:00 受付

09:00 - 09:40 開会挨拶と基調講演（パク・ヤンウー博士、UNEP アジア太平洋地域局長）

09:40 - 10:45 Session 1 - アジア太平洋地域における適応策とネットワーク構築（APAN）

国連環境計画（UNEP）は2009年に気候変動適応の研究者／専門家ネットワーク（GAN）を発足し、慶應義塾大学はGANのアジア太平洋適応ネットワーク（APAN）北東アジア・サブ・リージョナル・ノード（SRN）として選ばれた。本セッションはAPAN 慶應ノードの始動式としてAPAN本部、他のSRN代表、北東アジア地域代表が集まって、気候変動適応地域拠点と国際ネットワークの形成について討論する。

10:45 - 11:00 休憩

11:00 - 12:15 Session 1 続き

12:15 - 13:15 ランチ

13:15 - 15:15 Session 2 - 災害復興通じたレジリエンスづくりへの取り組み

災害復興においては地域社会が提示する要件と政府からの要請のバランスを取ることが重要である。本セッションは世界各地における復興の経験と東日本大震災の復興での活動を取り上げ、ボトムアップとトップダウンを結び付ける方法を考える。発表者は実際のプロジェクトを通して見識を提供し、地域社会が参画した時の課題と成功例を議論する。

注）本セッションは、2011年12月16日・17日の二日間にわたって同時に開催される学生ワークショップの導入としても位置付けている。

15:15 - 15:00 (24 hrs) レジリエント都市の創成（24時間学生ワークショップ @ 三田東宝ビル）

15:15 - 15:30 休憩

15:30 - 17:30 Session 3 - 福島原発後のグリーン・エコノミーとレジリエンスある社会

本セッションでは東日本大震災を受けて、持続可能で環境に優しい経済を構築するための新しい方向性を探索する。ポスト核エネルギーの時代においては、持続可能で安全なエネルギーの開発や、効率的かつ柔軟な地域社会や都市づくりに焦点を当てるのが不可欠となる。議論の中では、核エネルギーや化石燃料中心のエネルギーシステムからより安全でグリーンな、再生可能なエネルギー源へと移行することへの課題を取り上げる。

## 12月17日（土）

三田キャンパス、東館 G-Sec

08:30 - 09:00 受付

09:00 - 10:15 Session 4 - 気候変動に対するコミュニティからの行動とレジリエンスづくり

本パネルでは地域及び国境を越えた環境リスクと復興に向けた取り組みの中での政策、技術、そして経済問題について議論する。セッションでは南アジア、東南アジア、そして台湾を含む中国、アフリカからの発表者が集まり、それぞれの地域が抱える課題とボーダーを超えた連携によってレジリエンスを高める方法を議論する。

10:15 - 10:45 休憩

●ポスターセッション

10:45 - 12:00 Session 4 続き

12:00 - 13:00 ランチ

●ポスターセッション

13:00 - 15:00 Session 5 - プロジェクト実践を通じてのレジリエンス学習

災害は緊急な再建策を必要とする一方で、長期的な視点も欠かせない。レジリエンスある社会を創るカギは人材である。気候変動適応のために教育現場も変革が求められている。SFCはその先駆としてプロジェクトベースの学習を導入し、20年の実績を持っている。本セッションはプロジェクトベースの学習の理論と実践事例を取り上げ、環境イノベータの育成方法を議論する。

15:00 - 15:30 休憩

●ポスターセッション

15:30 - 17:30 Session 6 - 今後の国際協力ネットワークに向けてのディスカッション

これまでの各セッションについての報告とグループディスカッションを行い、国際的協力ネットワークの構築方法を検討する。

17:30 - 18:00 閉会挨拶

19:00 - 21:00 懇親会

南校舎4階

# Participants and Schedule

**DAY ONE - Friday, December 16**

**North Hall**

<b>Opening Remarks</b> 09:00 - 09:40	
<b>Wanglin Yan</b> Symposium Executive Chair; Professor, Keio University Director, Center for Climate Change Adaptation	
<b>Tadashi Kasahara</b> Vice President, Keio University	
<b>Hironori Hamanaka</b> Director, Institute for Global Environmental Strategies (IGES)	
<b>Toshihide Fukui</b> Counsellor, Ministry of Education, Culture, Sports, Science and Technology (MEXT)	
<b>Young-Woo Park</b> Regional Director, The United Nations Environment Programme (UNEP)	<b>Keynote Speech</b>

<b>Session 1</b> 9:40 to 10:45	<i>Chair: Masataka Watanabe Project Professor, Keio University Chair of the Asia Pacific Adaptation Network (APAN)</i>
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## **Adaptation and network Building in the Asia Pacific Region (APAN)**

<b>Introduction to APAN and the Sub regional Nodes</b>	
<b>Puja Sawhney</b> Coordinator, Asia Pacific Adaptation Network/Institute for Global Environmental Strategies, Bangkok Regional Centre (APAN/IGES-BRC)	<i>Role Of The Asia Pacific Adaptation Network In Institution Building, Knowledge Mobilization and Demonstration and Dissemination Of Adaptation Best Practices</i>
<b>Upali Imbulana</b> Regional Coordinator, Global Water Partnership South Asia (GWP-South Asia)	<i>Role of GWP South Asia in Adaptation to Climate Change in the Sub-Region</i>
<b>Maria Celeste H. Cadiz</b> Manager, Knowledge Management Department, Southeast Asia Regional Centre for Graduate Study and Research in Agriculture (SEARCA)	<i>Championing Food Security and Rural Poverty Alleviation in Southeast Asia</i>
<b>Hari Krishna Nibanupudi</b> Action Area Team Leader, International Centre for Integrated Mountain Development (ICIMOD)	<i>Climate Change and Adaptation concerns for Disaster Risk Reduction in Hindu-Kush Himalaya region</i>
<b>Atabek Umirbekov</b> Acting Climate Change and Sustainable Energy Program Manager, Regional Environmental Center for Central Asia (CAREC)	<i>Climate Change in Central Asia and Perspective Activities of CAREC as a Sub-regional Node of APAN</i>

<b>Break</b> 10:45 to 11:00	<i>North Hall , Lobby</i>
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<b>Session 1 continues</b> 11:00 to 12:15	
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## **Adaptation Research and Action in North East Asia**

<b>Wanglin Yan</b> Professor, Keio University	<i>Programs and Actions for Climate Change Mitigation and Adaptation in Keio University</i>
<b>Togtokh Chulunn</b> Professor , National University of Mongolia	<i>Resilient Development of the Gobi Region in Mongolia</i>
<b>Jian Liu</b> Director, International Ecosystem Management Partnership, UNEP	<i>Operationalise Adaptation Networks, the Role of Ecosystem-Based Approach</i>
<b>Soojeong Myeong</b> Research Fellow , Korea Adaptation Center for Climate Change (KACC), Korea Environment Institute (KEI)	<i>KACC's research and Actions on Adaptation to Climate Change</i>

<b>Lunch</b> 12:15 to 13:15	<i>G-sec Building 5F Conference room</i>
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**Session 2**

13:15 to 15:15

Chair: Christian Dimmer  
Research Associate, The University of Tokyo**Approaches To Resilience Building Through Post-disaster Reconstruction**

<b>Hiroto Kobayashi</b> Associate Professor , Keio University <b>Shun Kanda</b> Senior Lecturer, MIT	<i>Rural Design for the Revitalization of Declining Communities. Rural-rural Mutual Support: Minami-sanriku and Tane in Japan</i>
<b>William Siembieda</b> Professor, California Polytechnic State University Visiting Professor, Kyoto University	<i>Resiliency and Adaptation: The Emergence of Local Action in California</i>
<b>Xiao Peng Wan</b> Director, Planning Department, Chengdu City <b>Jiuli Zeng</b> Vice-President Chengdu Institute of Planning	<i>The Reconstruction in Chengdu after the Sichuan Earthquake</i>
<b>Charles Yan Guo</b> Doctorate School of Studies, Universita IUAV di Venezia, Italy	<i>Urban Reconstruction and/vs. Urban Resilience</i>
<b>Elizabeth Ann Maly</b> PhD Candidate, Department of Architecture, Kobe University Assistant Researcher at International Recovery Platform (IRP)	<i>Toward People-centered Post-Disaster Housing Recovery in Tohoku; Learning from Hurricane Katrina in the U.S., the Central Java Earthquake in Indonesia, and the Hanshin-Awaji and Chuetsu Earthquakes in Japan</i>
<b>Shinano Hayashi</b> Adaptation Deputy Director, IGES	<i>Guest commentator</i>

**Break**

15:15 to 15:30

North Hall , Lobby

**24 Hour Workshop Begins** (note: participation is by invitation only but observers are welcome)

TOHO Building, 4F

**Session 3**

15:30 to 17:30

Chair: Hikaru Kobayashi  
Professor, Keio University**Green Economics and Resilient Society in a Post-Fukushima Era**

<b>Jusen Asuka</b> Director, IGES Climate Change Group	<i>Green economy in the context of sustainable development: Japan after Fukushima, developing countries perspectives and trade dispute.</i>
<b>Kousuke Kurokawa</b> Professor, Tokyo Institute of Technology	<i>Exploiting All of the Possibilities of PV Power Generation</i>
<b>Yoshinobu Takegawa</b> Senior Executive Officer, Panasonic Electric Works Co., Ltd.	<i>Smart Eco House, Smart Town</i>
<b>Ye Qian</b> Professor, Beijing Normal University Deputy general secretary of the Chinese National Committee for IHDP	<i>Climate Change Risks, Low Carbon Society and Green Development</i>
<b>Kit Weddle</b> Principal, Land Development International	<i>Using Social Policy or Production Policy to Assist Recovery in Tohoku</i>
<b>Chih-Wen Wu</b> Professor, National Chung Hsing University, Taiwan	<i>Green Biotechnology: A study of Innovation for Sustainable Development</i>
<b>Yingjiu Bai</b> Associate Professor, Tohoku University of Community Service and Science <b>Shizuko Ota</b> Professor Keio University <b>Hikaru Kobayashi</b> Professor Keio University	<i>Campus Power Saving: The Sustainable SFC Initiative</i>

**No schedule for the evening**

<b>Session 4</b> 9:00 to 10:15		Chair: Lynn Thiesmeyer Professor, Keio University
<b>Local Communities and Resiliency in the Face of Climate Change: Adaptation Programs and Actions</b>		
<b>Abimanyu Takdir Alamsyah</b> Vice chairman, Professor, Research Center for Climate Change, Universitas Indonesia	<i>A Long Way to Improve Community Resilience in an Archipelagic Country</i>	
<b>Yungnane Yang</b> Dean of Political Science and Economics Taiwan National Cheng Kung University	<i>De-Stigmatization of Polluted Communities - The An-Shun Plant Case in Taiwan</i>	
<b>Salman Haider</b> Advisor - Climate Change & Environment Embassy of the Federal Republic of Germany, Bangladesh	<i>Perceived Impacts of Climate Change in Bangladesh: Views From the Point of Gender Vulnerability</i>	
<b>Akihiro Oba</b> Keio University, PhD Candidate	<i>Design of Early Adaptation Actions for Climate Change in Mongolia</i>	

<b>Break</b>	10:15 to 10:45	G-Sec Building, 4F
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<b>Poster Session Core Time I</b>	10:15 to 10:45	G-Sec Building, 4F
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<b>Session 4 Continues</b> 10:45 to 12:00		
<b>Local Communities and Resiliency in the Face of Climate Change: Adaptation Programs and Actions</b>		
<b>Eyong Louis Ndong</b> Pilot Centre For Environmental Education and Development (PCED)	<i>Building Post - Disaster Rehabilitation To Flood Affected Communities Living Along The Banks of River Benue in the North of Cameroon</i>	
<b>Pakamas Thinphanga</b> Senior Researcher, Thailand Environment Institute	<i>Building Climate Resilience and Reducing Hazard Vulnerability</i>	
<b>Winston Set Aung</b> Director, Asian Development Research Institute, Myanmar	<i>Recovering From the Nargis Cyclone</i>	

<b>Lunch</b>	12:00 to 13:00	G-sec Building 5F Conference room
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<b>Poster Session Core Time II</b>	12:00 to 13:00	G-Sec Building, 4F
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<b>Poster Session Participants</b>		
<b>Diwakar Dahal</b> Agriculture Officer, Rural Reconstruction Nepal (RRN)	<i>Fighting a War Certain to Lose: Water Politics With the Vulnerable</i>	
<b>Mortaza Tavakoli</b> University of Zabol, Iran	<i>Understanding Issues Ontology of Resiliency Through Place-based Learning</i>	
<b>James Wilkinson</b> Keio University School of Science for Open and Environmental Systems (Doctoral candidate)	<i>Water Supplies: Evaluating and Developing Groundwater as a Source for Potable and Non-potable Sources in Disaster Stricken Areas</i>	
<b>Dian Yan Liou</b> Associate Professor, Department of Marketing and Logistics Management, Yu Da University	<i>Arranging Green Marketing Course for Business Undergraduates in Taiwan</i>	
<b>Mochamad Indrawan</b> University of Indonesia	<i>Beyond the Tsunami, Will Technical Assistance be Effective? Lessons from Aceh and Nias</i>	
<b>Students</b> Keio University	<i>Recent Research and Projects at Keio University</i>	



<b>Session 5</b>		13:00 to 15:00	Chair: Yasushi Ikeda Professor, Keio University
<b>Understanding Resiliency Through Project Based Learning</b>			
<b>Romeo B. Santos</b> Professor, University of the Philippines President, Pilipinas Monitoring and Evaluation Society	<i>How Environmental Policy, Education, and Technology Can Link Visions to Outcomes in Creating a Resilient Society</i>		
<b>Brendan Barrett</b> Director, United Nations University Media Center	<i>Stories From the Field - Web and Video Production Experience of the UN University</i>		
<b>Madhumita Bhattacharya</b> Professor, University of Victoria, Canada	<i>Innovation and Flexibility Leads to Building Resiliency: Thematic and Scenario Based Approaches to Learning Environment Design</i>		
<b>Wanglin Yan</b> Professor, Keio University	<i>Framework and Systems of Project Based Learning in Keio University for Resiliency Building</i>		
<b>Naoto Nakajima</b> Assistant Professor, Keio University <b>Will Galloway</b> Project Assistant Professor, Keio University	<i>SFC 3.11 – A Multi-disciplinary Project-Based Response to Disaster -The Role of Environmental Education in Japan</i>		
<b>Yasushi Kiyoki</b> Professor, Keio University <b>Shuichi Kurabayashi</b> Assistant Professor, Keio University	<i>Future Directions of Innovative Applications of Multimedia Data-Mining Systems to Environmental Research</i>		

<b>Break</b>	15:00 to 15:30	G-Sec Building, 4F
<b>Poster Session Core Time III</b>	15:00 to 15:30	G-Sec Building, 4F

<b>Session 6</b>		15:30 to 17:30	Chair: Wanglin Yan Professor, Keio University Leader of the Environmental Innovators Program, Keio University Director, Center for Climate Change Adaptation, Keio University
<b>Discussion for further collaboration</b>			
<b>Puja Sawhney</b> Coordinator, APAN/IGES-BRC	<i>Report on Session 1</i>		
<b>Christian Dimmer</b> Research Associate, The University of Tokyo	<i>Report on Session 2</i>		
<b>Hikaru Kobayashi</b> Professor, Keio University	<i>Report on Session 3</i>		
<b>Lynn Thiesmeyer</b> Professor, Keio University	<i>Report on Session 4</i>		
<b>Yasushi Ikeda</b> Professor, Keio University	<i>Report on Session 5</i>		
<b>Hiroto Kobayashi</b> Associate Professor, Keio University <b>Workshop Participants</b>	<i>Report on Workshop</i>		
<b>Final Discussion with all participants</b>			

<b>Closing Remarks</b>	17:30 to 18:00	
<b>Closing Party and Networking Event</b>	19:00 to 21:00	MITA CAMPUS SOUTH BUILDING

## Keynote Speaker



### **Young-Woo Park**

*Regional Director, The United Nations Environment Programme (UNEP)*

Young-Woo Park, a national of the Republic of Korea became the Regional Director of the Regional Office for Asia and the Pacific at the United Nations Environment Programme (UNEP) in October 2008. Young-Woo brings with him his long and vast experience working in environmental management and international cooperation both with governments and the private sector. Before joining UNEP's Asia Pacific office, Young-Woo was the President of the *Business Institute of Sustainable Development* of the Korean Chamber of Commerce and Industry where he actively promoted sustainable development concepts and practices to businesses in South Korea. He was Director General of International Cooperation in the Ministry of Environment of Korea. During his time there, Young-Woo played an active role in global environmental issues such as climate change and led the Korean delegation during bilateral and multilateral negotiations.

Young-Woo was also a member of a number of environmental committees related to environment including the Presidential Commission on Sustainable Development, the Green Citizens Committee of Seoul City and the Nuclear Power Evaluation Committee. In addition, he headed the Department of Cleaner Production Technology Development and Dissemination at the Korean National Cleaner Production Center and the Industrial Environment Department at Hyundai Institute of Eco-Management. Young-Woo earned a PhD in Natural Resource and Environmental Economics from Iowa State University and a Master's Degree in Economics from Southern Illinois University.

## Organizers and Session Chairs



### **Wanglin Yan**

*Professor, Keio University, Japan*

*Leader of the Environmental Innovators Program at Keio University*

*Director of Center for Climate Change Adaptation*

Professor Yan graduated at Wuhan Technical University of Surveying and Mapping in 1982 with a bachelor degree of Engineering and earned his Master Degree in 1989 and Doctor Degree in 1992 at the Department of Civil Engineering, the Graduate School of Engineering, the University of Tokyo. He is a specialist in Geographic Information System and Science and contributed to the design and re-construction plan for Sichuan in China after the city was strike by a massive earthquake in 2008. His research work includes examining the degradation and conservation of the grasslands and making adaptation plans on the Tibetan Plateau and Mongolian Plateau in China.



### **Hideyuki Mori**

*President, The Institute for Global Environmental Strategies (IGES)*

Mr. Hideyuki Mori is a graduate of the School of Engineering, Kyoto University. He joined IGES in 2003. Prior to joining IGES, he served as Environment Specialist at the Asian Development Bank, Senior Environmental Coordinator of the United Nations High Commissioner of Refugees, Director of the Office of Research and Information at the Global Environment Issues Division of the Environment Agency of Japan (present Ministry of the Environment) and as Portfolio Manager of the Division of GEF at the United Nations Environment Programme. He has served as the President of IGES since 2010.



### **Masataka Watanabe**

*Project Professor, Keio University, Japan*

*Chair of the Asia Pacific Adaption Network (APAN)*

Professor Masataka Watanabe received his Bachelor and Master degrees in Environmental Engineering from Kyoto University in 1968 and 1970, respectively and Ph.D. in Civil and Environmental Engineering from MIT in 1975. He has received several awards and prizes for his contributions to science, including the Tien Shan Prize from China in 2003. His main research interests concern ecosystem modelling, bio-geochemical cycles and science for sustainability. He contributed to UN Millennium Ecosystem Assessment as a Coordinating Lead Author, and is currently working on development of sustainable adaptation systems in China and Mongolia.



## Hikaru Kobayashi

*Professor, Keio University*

Mr. Kobayashi joined the Ministry of the Environment (formerly the Environmental Agency) in 1973 and was instrumental in bringing the Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) to Japan in 1995. He managed international negotiations for the Kyoto Protocol and helped draft the law created to promote prevention of global warming. He served in various posts, including Director-General of the Environmental Policy Bureau, before being appointed to the position of Vice Minister of the Environment in 2009. Mr. Kobayashi retired from public service and took up his present post at Keio University in April 2011. He has authored several books on Japan's experience with pollution as well as on eco-housing.



## Lynn Thiesmeyer

*Professor, Keio University*

Dr. Lynn Thiesmeyer is Professor in the Faculty of Environment and Information Studies at Keio University. She received her Ph.D. from Princeton University in 1980 and specializes in social theory and Southeast Asian rural development. She is an Executive Director of the International YMCA of Yokohama, a board member of the European Commission's Medici Framework (Multimedia for Education, Employment through Integrated Cultural Initiatives), and a Research Advisor to the Mekong Institute, Thailand. She was a Team Leader for the 2001 Asia Pacific HIV Impact Research Tool the United Nations Development Program and the 2005 Rapporteur for the United Nations' Division for the Advancement of Women. She has organized and moderated multi-nation video-conferences on development issues for the World Bank and the United Nations. With her project partners from MCC, she opened Myanmar's first Environmental Economic Research Institute in August 2011, serving as vice chair.



## Yasushi Ikeda

*Professor, Keio University*

Professor Ikeda graduated with a PhD from the University of Tokyo, Faculty of Engineering. After working for several years with the world-renowned architecture and planning office, Maki and Associates he established his own design firm, IKDS, in 1995 and began teaching at Keio University in 1996. His research focuses on innovation in construction technology and fabrication. Recently he has worked with his students in Tohoku to consider how architecture can be used to take on social as well as physical challenges that emerge after a disaster.



## Hiroto Kobayashi

*Associate Professor, Keio University*

Hiroto Kobayashi is an Associate Professor of Keio University Graduate School of Media and Governance, co-director of International Keio Institute for Architecture and Urbanism – IKI, and a Visiting Associate Professor of Massachusetts Institute of Technology. He studied architecture and urban design at Kyoto University and the Harvard Graduate School of Design (GSD). He has worked with Nikken Sekkei and Norman Foster and Partners as an architect. He completed his doctoral dissertation on the traditional community form, 'Cho', and received a Doctor of Design degree from the GSD, where he served as visiting associate through 2000-2003. Kobayashi is the principal of the Tokyo-based architectural design office KMDW in a partnership with Naomi Maki. He also represents the American architectural firm, Skidmore Owings and Merrill LLP, in Japan. Recent research focuses on sustainable rural design aimed at revitalizing communities in decline. Along with MIT, Harvard and Miyagi University he has also been active in Minami-Sanriku working to revitalize communities devastated by the tsunami that struck Japan in March, 2011.

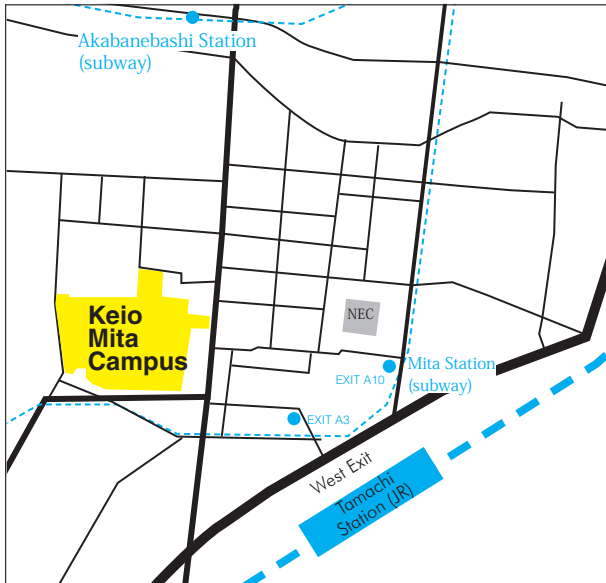


## Christian Dimmer

*Research Associate, The University of Tokyo*

Dr. Dimmer graduated from the interdisciplinary Spatial and Environmental Planning program at the Technical University of Kaiserslautern, Germany, and earned his PhD from the University of Tokyo. He has cooperated as an urban design consultant with architectural firms such as Arata Isozaki and Associates, and property developers like Mitsubishi Estate Inc. In 2006 he co-established the architectural practice "frontofficecity", and in 2011 was one of the founders of the Tokyo chapter of the design-led disaster response organization, Architecture For Humanity. He teaches sustainable urbanism and planning theory at Waseda University's School of International Liberal Studies and is a research associate at the University of Tokyo.

Access Map To Keio University Mita Campus



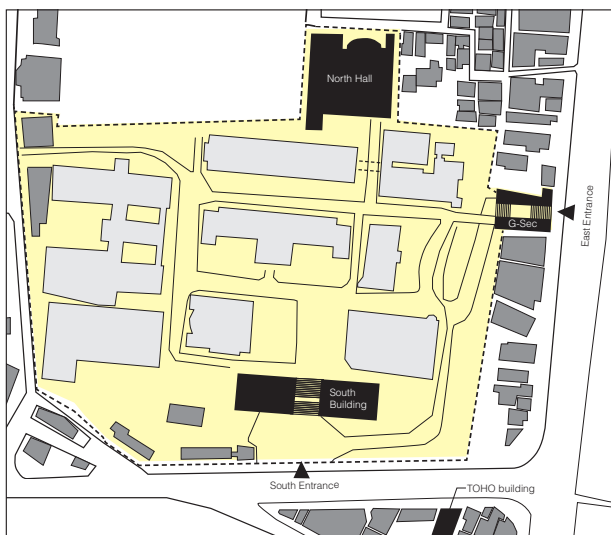
**Address**

2-15-45 Mita, Minato-ku, Tokyo, 108-8345 Japan  
Phone: +81-3-5427-1517

**Access**

- 8 min. walk from Tamachi Station  
(JR Yamanote Line or JR Keihin-Tohoku Line)
- 7 min. walk from Mita Station  
(Subway Asakusa Line or Subway Mita Line)
- 8 min. walk from Akabanebashi Station  
(Subway Oedo Line)

Map of Keio Mita Campus and its surroundings



Organizer: Keio University

Co-organizers: Institute for Global Environmental Strategies (IGES), Asia Pacific Adaptation Network (APAN)



Further Information : <http://ei.sfc.keio.ac.jp/symposium2011>