

KEIO
Environmental
Innovators

ASIA PACIFIC
ADAPTATION
NETWORK

Innovation for Resilience and Transformation

復興と変革へのイノベーション

the 3rd Environmental Innovators Symposium

December 21-22, 2012

Keio University, Hiyoshi Campus

*Programs and Actions on Mitigation and Adaptation to
Climate Change in Asia and Africa*

<http://ei.sfc.keio.ac.jp/symposium2012>

The growth of **resilience** as a touchpoint for fields as distant as economics, architecture and population politics reflects a shared concern about our capacity as governments and individuals to cope and adapt to change, regardless of its cause. The ability to bounce back from hardship and disaster is essential to all our futures, but if it is to be done sustainably **innovation** will need to be a core practice. Which is of course **easier said than done**.

In Japan the context for **resilience** remains the ongoing recovery from the series of disasters that struck the northeast coast in March 2011. The disasters triggered an honest re-assessment of many of the policies and social standards the country has taken for granted for decades. A more **resilient** society could be built as part of the reconstruction process, but there is no clarity yet about which direction the reconstruction should go, and what **resiliency** might mean. The question remains open as to whether we should be rebuilding defensively or if we might be better off aiming for a deeper transformation. As the reconstruction proceeds there is also growing **uncertainty** about where and how change can be implemented. Although the challenges do not arise directly from global climate change, they share much with the problems expected from extreme weather events, as we are all too keenly reminded of by the massive storms and floods and the related damage and power outages experienced around the world.

The largest gap is that between **assessment** and **action**. While we understand the situation better and better, the way forward is still hard to imagine. In the third annual Environmental Innovators symposium our aim is to clear some of the uncertainty around the topic of **resilience** by bringing together practitioners who are testing new methods and taking action in the field with significant projects. Our position is that while there can be no single answer it is the accumulation of knowledge in practice that will stimulate the innovation needed to realize transformative goals.

This symposium will focus on innovations in **practice** that advances **transformation** in relation to both climate change adaptation and **resiliency**. Issues we will address include managing both short and long term plans, how to implement change, the need for small and large scale responses, the role of technology and policy innovation, and the advent of new methodologies.

The symposium will be treated as a series of intense workshops where knowledge is shared and created through presentations and discussion over the two day event. A publication of the presentations and discussions is planned after the event and we invite participants to share their ideas freely and to engage in a thoughtful and lively discussion.

ここ10年の間で**レジリエンス** (resilience: 苦難からの回復力) という概念は、非常に広範な分野において重要なトピックとなり、経済学や政治学から建築学や都市計画、心理学、人口学まで多くの分野に影響を与えている。これは、原因は様々であれど、世界の激変に対処・適応するための政府や個人の能力に関心が高まっていることを反映している。苦難や災害からの復興は我々の未来にとって重要であるものの、持続可能な形での復興には相応の**イノベーション**が必要となってくる。まさしく、**言うは易く行うは難し**、である。

日本において、今、**レジリエンス** (resilience) といえば、それは2011年3月に発生した大震災からの復興という事になる。今回の大震災はこの国が数十年にわたって当たり前のように受け入れていた政策決定や社会規範を再検討するきっかけとなった。復興はより**レジリエント** (resilient) な社会を形成する良い機会になるという見方もある。しかし、復興がどの方向性に進むべきか、また、**レジリエンス** (resilience) そのものが何を意味するか、自明ではない。目前の要望に応え復旧を急ぐか、より深い変革を敢行すべきか、決断力が問われている。復興が進むにつれ状況が錯綜し、変革はどこでどのように組み込むべきか、**不確実性**が増している。これらの問題はグローバルな気候変動から直接的に引き起こされているわけではないが、近年世界中で頻発している暴風雨や洪水、それらに伴った停電といった極端な天災によってもたらされるような問題と多くの部分で共通している。

現在、**評価と行動**の間に大きな隔りがある。問題への理解は徐々に進んできているが、解決策についてはまだまだはっきりとしていない。今年で3回目となる本年の環境イノベータシンポジウムでは、実際の行動を起こすにあたって、また、**レジリエンス** (resilience) の構築に関して、不確実性を減らすべく革新的な手法を試みている研究者と実務家が一堂に会する。答えは唯一ではないであろうが、実践に伴う知識の蓄積が、変革に必要なイノベーションを促進すると考えるからである。

このシンポジウムは気候変動適応策とレジリエンス (resilience) の両方におけるイノベーションの**実践**に焦点を当てている。短期・長期の変革を目指す計画とその実現方法、小規模、大規模な変化へのレスポンス、そこにある技術と政策の役割など、示唆を与えてくれる講演と報告が期待できる。

今回のシンポジウムはワークショップ形式で行う。2日間のプレゼンテーションとディスカッションを通して知識を共有し、レジリエンス (resilience) と変革に向かう方向性を問う。シンポジウム終了後はプレゼンテーションとディスカッションの結果を出版する予定となっており、幅広い分野からの積極的な参加を期待している。

Language

The primary language will be English, with simultaneous translation for session events

使用言語

英語がメイン言語となるが、各セッションでは日本語同時通訳が提供される。

December 21, 2012 - Friday

0900 - 1015

Opening Addresses and Keynote Speech

Issues and strategies on the frontier of adaptation to disaster risks, and transforming to a green economy in Asia and Africa

1030 - 1230

Session 1 - Data, Tools, and Narratives for Adaptation in Northeast Asia

Northeast Asia is prone to earthquakes and extreme climatic disasters. Scientific data, visual tools and narratives are being integrated as innovative methodologies for early adaptation and social transformation.

1230 - 1330

Lunch

1330 -1515

Session 2A - Best Practice for Resilience and Adaptation in the Asia Pacific Region

Researchers from the Sub-Regional Nodes of the Asia Pacific Adaptation Network (APAN) deliver present practices for resilience and adaptation to climate change on the frontier of global transformation, and share knowledge on common issues.

Session 3 - Resiliency and Adaptation as Opportunity in Architecture and Urban Design

As disasters, man-made or otherwise, increase around the world, the role of architecture and urban design has necessarily expanded to include issues of social resilience. Architecture seems to be on the cusp of a paradigm shift as the profession works out how to mainstream, and not only react to, such issues.

1600 - 1730

Session 2B - Bridging the Gap Between Policy and Action for Resilience and Transformation

We always face the challenge of managing goals at the scale of the local and the global, balancing the present and the future. This session listens to the voices of researchers, officials, and practitioners on the ground and discusses opportunities and mechanisms for building resilience and transformation.

For this session participants use concrete examples from Asia and Africa as the basis for discussion about the development of more resilient and sustainable architecture planning, and the integration of social issues, energy, and economics into the design of the built environment.

1900 - 2100

Special Session - Tohoku Planning Forum

December 22, 2012 - Saturday

0900-1200

Session 4 - Best practices in Community-Based Energy Innovation

The Great East Japan Earthquake exposed the vulnerability of modern Japanese society, especially its power infrastructure. In recent years development of renewable energy systems has expanded dramatically, and yet it is hard to see equally dramatic changes in its acceptance by the general public. This session looks into the obstacles in the penetration of renewable energy, proposes a community-based business model and mechanisms for its implementation from the perspective of resources and finance management.

1200 - 1300

Lunch

1300 - 1615

Session 5 - The Reality of Environmental Risk and Redevelopment of Damaged Areas

Storms, man-made pollution or extreme incidents such as the nuclear disaster and contamination following the earthquake and tsunami in Japan in 2011 can be understood as the actualization of risk. There is however a kind of opportunity to be considered alongside the unarguably bad effects. We will use concrete examples to discuss how risk is used and managed in recovering areas.

1630 - 1730

Session 6 - Round Table Discussion

Speakers and participants from both days discuss the topic of innovation across disciplines and search for common ideas and concepts.

Closing Remarks

Closing Party and Networking Event

開会 / 基調講演

災害・リスクへ適応しグリーン・エコノミーへ変革するフロンティアであるアジア・アフリカの課題とイノベーションの戦略を展望する。

セッション1 早期適応策のためのイノベティブな方法論

地震と異常気象による災害が頻発する北東アジア地域。科学データ、見える化ツール、政策支援ナレーティブなどが一体となった科学的方法論で不確実性を減らし、早期適応策を開発し社会変革を促す。

昼食

セッション2A アジア太平洋地域におけるレジリエンスと適応策のベストプラクティス

UNEPは、グローバル変革の最前線、アジア太平洋地域において気候変動適応ネットワーク(APAN)を運営している。APAN地域ノードの研究者がレジリエンスと適応に関する各地の実践を報告し、変革に向けた共通の課題を洗い出す。

セッション3 建築と都市計画における機会としてのレジリエンスと適応策

人災・天災が増加している現代において、建築と都市計画の果たす役割は必然的に社会的レジリエンスの課題を含むものとなるよう拡大してきた。建築家達はそういった課題に対処するだけでなく、それを主流に組み入れる方法を探している。

セッション2B 政策と実践の現場からの声

私たちは常に短期と長期、局地と大局の狭間に追い込まれている。このセッションでは、トップとボトムにおける政策担当者、実践者、利害関係者の声を聞き、日々直面する課題の中から変革の兆しを掴み、イノベーションを創出する仕組みを検討する。

このセッションではアジア・アフリカの具体的な事例を基礎に置き、レジリエントで持続的な建築計画の開発や、社会問題・エネルギー問題・経済的課題を建築環境のデザインに統合していく方法を議論し、パラダイムシフトの先頭を走る建築学の新しい可能性を探る。

特別セッション - 東北プランニングフォーラム

セッション4: コミュニティ・ベースのエネルギー・イノベーションの実践

東日本大震災は原発に頼る現代社会のエネルギーシステムの脆弱性をあらわにした。世界中で再生可能エネルギーに関心が集まり、再生可能エネルギー業界も活況をみせている。一方、市民や家庭による再生可能エネルギーへの参加は目立った動きをみせていない。本セッションは再生可能エネルギーの普及を妨げる原因を見直し、固定価格買取に頼らない、コミュニティ・ベースの普及モデルを提案し、資源、資金、仕組みの側面から実装を促進する方法を検討する。

昼食

セッション5: 環境リスクの顕在化と被害地域の再生

公害のような人災、豪雨被害のような天災、そして、3.11のように天災を契機に生じた人災としての放射能汚染などのケースを通じて見ると、リスクが実際に顕在化した時に地域に与える悪影響は極めて大きなものがある。そこで、実際にリスクの顕在化に遭遇した地域を取り上げ、こうした地域の再生を、今後は、リスクと向き合いながらどのように進めていくのが良いのか、事例発表とディスカッションを通じて考察する。

セッション6: 全体議論

シンポジウム参加者を一同に会し、分野を超えてイノベーションに関する議論を行い、共通のアイデアや概念を探る。

閉会 懇親会

Opening Comments		09:00 to 10:15	Symposium Space
Wanglin Yan Symposium Executive Chair; Professor, Keio University Director, Research Center for Climate Change Adaptation	Welcoming Remarks and Framework for the symposium		
Andries Jordaan Director, Disaster Management Training and Education Centre for Africa, University of the Free State, South Africa	Keynote Speech - <i>Building Resilience in Africa Through Transformation and a Green Economy: Challenges and Opportunities.</i>		

Break	10:15 to 10:30	Conference Room M
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Session 1		10:30 to 12:30	Chair: Wanglin Yan, Professor, Keio University Director, Research Center for Climate Change Adaptation
Data, Tools, and Narratives for Adaptation in Northeast Asia		Symposium Space	
Qian Ye Professor, Beijing Normal University Executive Director, Integrated Risk Governance Project (IRGP/IHDP)	<i>Visualization and Decision Support for Climate Risk Reduction</i>		
Renchin Tsolmon Professor, National University of Mongolia	<i>GIS and Remote Sensing for Monitoring and Analysis of Adaptive Development in Mongolia</i>		
Sinkyu Kang Professor, Kangwon National University, Republic of Korea	<i>Assessing Socio-ecological vulnerability in Mongolian grasslands</i>		
Akihiro Oba PhD Candidate, Keio University	<i>Framework of Support Systems to Bridge the Gap between Policy and Practice for Early Adaptation to Extreme Weather in Mongolia</i>		
Balt Suvdantsetseg Assistant Professor, National University of Mongolia	<i>Innovative climate change adaptation and practical action for Gobi region of Mongolia</i>		
Yingjiu Bai Project Associate Professor, Keio University	<i>A GIS-based approach to adaptation to regional climate change for decision-making by local government: Case study of Kurihara in Miyagi Prefecture, Japan</i>		

Lunch	12:30 to 13:30	Conference Room M
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Session 2A (parallel)		13:30 to 15:15	Chair: Masataka Watanabe, Project Professor, Keio University Chair of the Asia Pacific Adaption Network (APAN)
Best Practice for Resilience and Adaptation in the Asia Pacific Region		Symposium Space	
Hiroko Kodaka Associate Programme Manager Asia Pacific Adaptation Network (APAN)	<i>Gaps and needs for climate adaptation in the Asia-Pacific region</i>		
Sanjay Vashist Climate Action Network South Asia (CANSA)	<i>Scaling Adaptation through Coordinated Regional Policy in South Asia</i>		
Pervaiz Amir and Chaminda Rajapakse Global Water Partnership - South Asia (GWP-SAS)	<i>Institutional and technical innovation under extreme climate events for resilient and transformation strategy-Floods and Droughts in Pakistan</i>		
Akmaral Mukaeva Environmental Management Program Specialist The Regional Environmental Centre for Central Asia (CAREC)	<i>Adaptation to Climate Change in Central Asia: Needs and Achievements</i>		
Ngamindra Raj Dahal PhD Candidate, Kathmandu University	<i>Climate Change Adaptation Activities in Nepal</i>		
Jeongho Lee Senior Research Fellow (Director of Planning and Cooperation Division), Korea Adaptation Center for Climate Change	<i>Korea Adaptation Center for Climate Change: Achievements and Future Challenges</i>		
Xiaojun Deng Programme Officer for Communications and Development Asia-Pacific Network for Global Change Research (APN)	<i>Asia-Pacific Network for Global Change Research (APN) and its Climate Adaptation Framework</i>		

Break	15:15 to 16:00	Conference Room M
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Poster Session	15:15 to 16:00	Conference Room M
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Session 2B (parallel) 16:00 to 17:30

Chair: Wanglin Yan, Professor, Keio University
Symposium Space

Bridging the Gap Between Policy and Action for Resilience and Transformation

Tokutaro Hiramoto Senior Consultant, Emerging and BoP Markets Consulting Group, Nomura Research Institute Guest Professor, Meiji University (BoP Business) Part-time lecturer, Miyagi University (CSR, BoP Business)	<i>Adaptation Programs in International Organizations for Developing Countries</i>
Yosuke Nakayama Chief, Global Environmental Affairs Office, Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry	<i>Industrial Assistance Programs in Japan for Developing Countries</i>
Yoshitomo Mori Assistant Director, Research and Information Office, Policy and Coordination Division, Global Environment Bureau, Japan Ministry of the Environment	<i>Adaptation Issues and Policies in Japan</i>
Sosuke Tanaka Unit Chief, Research/ Coordination Section Japan Reconstruction Agency	<i>Issues and Actions in Post 3.11 Reconstruction for Resilience and Transformation</i>
Masaki Takahashi CEO, Kesennuma Shokai	<i>Public Debate on Seawall Construction in Kesennuma City</i>
Ranjith Perera Associate Professor Department of Civil and Architectural Engineering, Sultan Qaboos University Urban Environmental Management Program, Asian Institute of Technology	<i>Mainstreaming Disaster Resilience Attributes in Local Development Plans for the Adaptation to Climate Change induced flooding: A study based on the local plan of Shah Alam City, Malaysia</i>
Andries Jordaan	<i>Guest commentary</i>

Session 3 (parallel) 13:30 to 15:15

Chair: Yasushi Ikeda, Professor, Keio University
Will Galloway, Project Assistant Professor, Keio University

Resilience and Adaptation as Opportunity in Architecture and Urban Design

Conference Room L

Daniel Aldrich Associate Professor, Purdue University	<i>Social Infrastructure and Resilience</i>
Andrew Brose Architect, MASS - Kigali office	<i>Empowering Architecture</i>
Hironori Matsubara Associate Professor, Keio University	<i>3 Resiliencies for Architecture at a Time of Acute Change - the ACADEX Primary School project in R.D. Congo</i>
Vo Trong Nghia Director, Vo Trong Nghia Co., Ltd.	<i>Sustainable Construction in Vietnam</i>
Tsukasa Ishizawa Design Manager, Takenaka Corporation	<i>City in a Garden - Sustainable Projects in Singapore</i>
Break	15:15 to 16:00
Panel discussion	16:00 to 17:30
Hiroto Kobayashi Professor, Keio University	<i>Guest Commentary</i>

Special Session 19:00 to 21:00

Chair: Kit Weddle, Chair, Tohoku Planning Forum
European President of CASLE

Tohoku Planning Forum Event

Conference Room L

Andrew DeWit Professor, Rikkyo University	<i>Renewable Energy and The Political Economy of Japan</i>
Will Galloway + Wanglin Yan Project Assistant Professor + Professor, Keio University	<i>Reconstruction, Energy and Community - Precedents for Japan</i>
Christian Dimmer Assistant Professor, University of Tokyo	<i>Grass-root Initiatives for Alternative Energy Futures in Germany</i>

Session 4 09:00 to 12:00 Chair: Shinano Hayashi, Deputy Director, Natural Resources Management Group, IGES	
Best Practices in Community-Based Energy Innovation Symposium Space	
Harutoshi Funabashi Professor, Hosei University	<i>Opportunities and Challenges for Development of Community Based Renewable Energy</i>
Taihei Shibata Manager, Smart Community Section, City of Kitakyushu	<i>Planning and Practice: Citizen Participation in Electricity Saving and Generation</i>
Akira Taniguchi Ohisama-Shimpo Energy	<i>Innovation and Achievement With Small Community-Based Renewable Energy Projects</i>
Shoji Yo Graduate of EI Course, Keio University (Sekisho Corporation)	<i>A new business model based on connections between generations for market penetration of photovoltaic power systems</i>
Yusuke Matsuo Policy Researcher, Program Management Office, Institute of Global Environmental Strategy (IGES)	<i>Green Gift: A Pragmatic Measure for Drastic Diffusion of renewable energy</i>
Manjushree Banerjee Associate Fellow, The Energy and Resources Institute, India	<i>Achieving Universal Access To Modern Energy- A Case Of Community Based Renewable Energy Project In India</i>
Arieta Gonelevu Senior Project Officer, Oceania Regional Office Energy, International Union for Conservation of Nature (IUCN), Fiji	<i>Marshall Islands in terms of rural and outer islands electrification through solar home systems</i>
Tomoki Kobayashi PhD Candidate, Keio University	<i>GIS Based Potential Assessment and Action Support</i>

Lunch	12:00 to 13:00	Conference Room M
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Poster Session Participants	
Volkov Dmitry	<i>Combined wind and solar power installation with superconductive elements</i>
Kyungsun Lee	<i>Transition toward Sustainable Chemical Industry in Asia: A Socio-technical system approach to Green Chemistry</i>
Jesse Hsu	<i>Building Resiliency through the Repurposing of Spaces and Institutions with Urban Agriculture: Examples from Honolulu, Hawaii</i>
Akihiro Oba	<i>A Framework of Support Systems to Bridge the Gap between Policy and Practice for Early Adaptation to Extreme Weather in Mongolia</i>
Tomoki Kobayashi	<i>Agent-Based Modeling to Assess the Potential of Community Solar in Urban Areas</i>
Matthew Jones	<i>Climate Change and Cultural Heritage in Japan: A Case Study of Itsukushima Shrine</i>
Muriadi Arip	<i>Flood and Vulnerability to Undernourished Children and Infant/Maternal Mortality: A Case Study in Sambas Regency, Indonesia</i>
Obed Milton Simamora	<i>Land-use change of small scale registered-land in Indonesia: A study in Bantul Regency</i>
Shuichi Okabayashi	<i>Study of FFPI Prediction Model for Future Food Security - A Neural Network Prediction System</i>
Junjie Xue	<i>The Impacts of Sidewalk Vendors on Urban Amenity in the Cities of China</i>
Yupeng Zhu	<i>Development of Public-participated environmental pollution prevention system in China</i>
Qiming Qin	<i>An Economic Framework for the Construction of Eco-Smart City in Shenzhen of China: A Comparative Study with Yokohama City, Japan</i>
Li Yuan	<i>Research on the Policy of Agriculture Non-point Source Pollution Problem in the Taihu Coastal Area in Suzhou City of China: A Comparative Study with Biwa Lake, Japan</i>
Lin Yun Chu	<i>Impacts of Gentrification on Sustainable Development in Urban Planning: Case Study in Taichung City, Taiwan</i>
Shenyan Zhang	<i>The relationship between wetland ecosystem restoration and the Elaphurus Davidianus reintroduction</i>
Wenbo Chen	<i>The Tibet Sketch Book – Himalayan Fieldwork in 2012</i>

Environmental Design Exhibition	Event Terrace
Yasushi Ikeda Lab and Shohei Matsukawa Lab - Azusa Ino, Sojune Ahn, Katsuya Kawabata, Masaya Shimizu, Akihiko Tanigaito, U-ichi Abe, Shuta Takagi	Digital Wood Project
Hironori Matsubara Lab 2012 Participants - Kazuho Ando, Yoko Tatemoto, Yasushi Nishiyama, Keita Kajihara, Yukari Ueno	ACADEX Primary School project in R.D. Congo

Chair: Hikaru Kobayashi, Professor, Keio University

Session 5

13:00 to 16:15

The Reality of Environmental Risk and Redevelopment In Damaged Areas

Symposium Space

Kazuhiro Watanabe Chairperson, Tsuchiyu-Onsen Tourist Association	<i>Reconstruction After Nuclear Disaster and the Creation of Local Power Plants</i>
Kazutoshi Tanoue Deputy Mayor, Minamata City, Kumamoto	<i>Recovering From The Environmental Pollution Disaster in Minamata</i>
Yoshiki Saratani Mayor, Totsukawa Village, Nara	<i>Reconstruction and Recovering From A Typhoon</i>
Tomoyuki Furutani Associate Professor, Keio University	<i>Technical Support for the Recovery of Radiated Areas in Fukushima</i>
Kazunori Tanji Assistant Professor, Keio University	<i>Supporting the Restoration of Agriculture in the Rumor Damaged Area of Fukushima City</i>
Misato Uehara Assistant Professor, Shinshu University	<i>Could Ecological Planning Data From the 1980 Land Agency Report Have Prevented the Disaster of Fukushima Nuclear Plants in the Wake of the Tohoku Earthquake and Tsunami</i>
Renato Cesar Sato Assistant Professor, Federal University of Sao Paulo, Brazil	<i>Environmental vulnerability in São Paulo (Brazil) Megacity: The transportation problem.</i>
Shinano Hayashi Deputy Director, Natural Resources Management Group, Adaptation Team, Institute for Global Environmental Strategies (IGES)	<i>Financial Support for Natural Disaster/ Climate Change Affected Areas : An Innovative Approach</i>

Break

16:15 to 16:30

Conference Room M

Session 6

16:30 to 17:30

Chair: Wanglin Yan, Professor, Keio University

Discussion for further collaboration

Symposium Space

Wanglin Yan Professor, Keio University	<i>Report on Session 1</i>
Masataka Watanabe Project Professor, Keio University Chair of the Asia Pacific Adaption Network (APAN)	<i>Report on Session 2A</i>
Wanglin Yan Professor, Keio University	<i>Report on Session 2B</i>
Yasushi Ikeda Professor, Keio University	<i>Report on Session 3</i>
Shinano Hayashi Deputy Director, Natural Resources Management Group, IGES	<i>Report on Session 4</i>
Hikaru Kobayashi Professor, Keio University	<i>Report on Session 5</i>
Kit Weddle Chair, Tohoku Planning Forum	<i>Report on Special Session</i>
Final Discussion with all participants	

Closing Remarks

17:30 to 18:00

Closing Party and Networking Event

19:00 to 21:00

Faculty Lounge

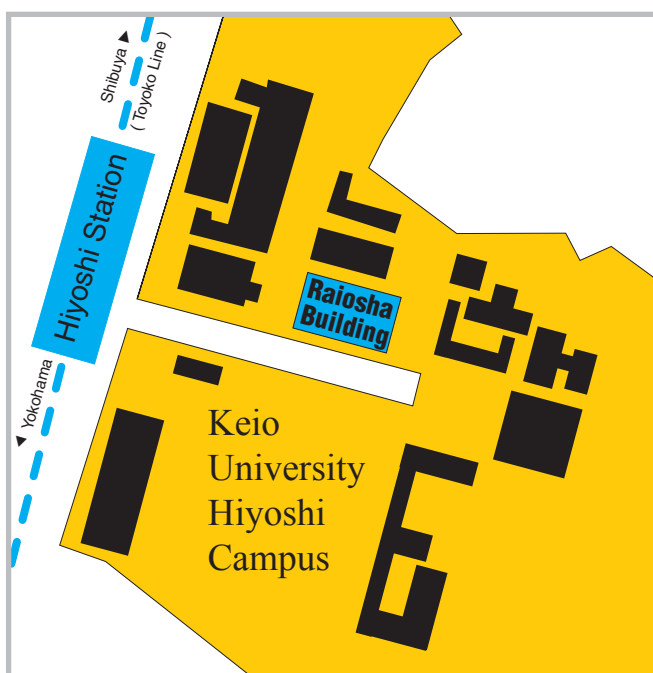
Environmental Design Exhibition

Event Terrace

Hiroto Kobayashi Lab - Wataru Doi, Akiko Noguchi, Nanako Hirano, Kazumi Masaki, Liliko Mizukami, Feng Yuqiao, Yumi Goto, Asuna Segawa, Charles Lemonnier, Ayako Oda, Katsuya Kawabata, Naoyuki Sasaki, Toshiko Shibuya, Yoko Tatamoto

Veneer House in Tohoku

**All events will take place in the Raiosha Building
at Keio University, Hiyoshi Campus**



Address:

Raiosha Building
4-1-1 Hiyoshi, Kohoku-ku, Yokohama, Kanagawa 223-8521, Japan

Access:

1 min. walk from Hiyoshi Station
(Tokyu Toyoko Line, Meguro Line, or Yokohama Municipal Subway Green Line)
Note: Tokyu Toyoko Line Ltd. Express trains do not stop at Hiyoshi Station.

Further Information : <http://ei.sfc.keio.ac.jp/symposium2012>

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

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 戦略推進費
Strategic Funds for the Promotion of Science and Technology

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