



Scoping Urban Ecology Initiative Potentials in Regional Cities

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“exploring local solutions to global challenges of sustainability”



- ❖ established in April 2008 by UNU-IAS to explore local solutions to the global issues of sustainability.
- ❖ Current focus is co-coordinating sustainable resource use, management and conservation in *satoyama* and *satoumi* (socio-ecological production landscapes) related research in the Hokuriku region of Japan and linking the findings to policy making



city images

HUMAN INFRASTRUCTURES



NATURE INFRASTRUCTURES IN URBAN ENVIRONMENTS

turning our eyes to nature within our city environs

UNU-IAS Operating Unit Ishikawa/Kanazawa Urban Ecology Research 2009-2011

How do urban residents benefit from greening the cities? How do ecosystems contribute to human well-being within cities?

Japanese Traditional Garden: MOSS in Kanazawa

i) biodiversity and climate change

ii) ecosystem services assessment: a) provisioning services b) regulating services c) cultural services d) supporting services

art + nature cities

art + nature cities

- ❖ Learning from Convention of Biological Diversity (CBD) Secretariat host Montreal City, Quebec, Canada
- ❖ Moving towards comprehensive policy design for sustainable ART+NATURE CITIES: city park design and the cultural arts.
- ❖ Merging cultural diversity + biological diversity

tradition culture nature

- ❖ Craft Traditions + Urban Ecology Design. UNESCO designated creative craft city. Craft tradition supported by rich natural resources used for local crafts production. Sustainable maintenance of natural environment and natural resources are critical to sustenance of craft traditions. Initiated scoping team with Kanazawa City to review urban environment policies and explore potential integration of cultural and environmental urban policies.

Linking Land and Sea: extending urban ecology initiatives to surrounding marine environments



- i) learning from Barcelona and other Local Action for Biodiversity (LAB) ICLEI Initiatives: considering urban marine reserves along municipal marine boundaries
- ii) Urban SATOYAMA and SATOUMI inter-linkage potentials
- iii) UNU-IAS led Satoyama Satoumi Ecosystem Assessment Report (Japan SGA) Hoku-Shinetsu Cluster report work. Exploring discussions on collaborative research focused on land-based activities of regional cities and their impacts on marine ecosystems.



❖ Towards COP10 Nagoya

- ❖ Can regional cities such as Kanazawa play an active role in COP10 Nagoya?
- ❖ Research interest is high, policy makers interest is increasing, but what about the average citizen? Human Capacity-focused OUTREACH Activities to engage civil society in Kanazawa in discussions about biodiversity and urban ecology
 - i) Kanazawa Nature School
 - ii) Environmental Film Festival in Kanazawa: raising public awareness
 - iii) Partnerships in Biodiversity Town Meetings (i.e. biodiversity environmental white paper study session)