

# S-face

SFC makes the future through researches

## Quality of Life through Ecosystem-based Approaches Tomohiro Ichinose



X

VOL.

025 /100

2018.Feb ISSUE

Japanese Color: BENGARA-iro

# Sustainable Land Use Is Needed Based on Ecosystems

It's become common knowledge that large-scale disasters have become more commonplace around the world in recent years and that changes to the natural environment are continuing to accelerate globally.

On the other hand, depopulation and the aging of existing populations are leading to so-called "marginal settlements" in which it is difficult to maintain economic and social lifestyles. These villages are becoming a societal issue.

While at a glance these problems may seem to be unrelated, the keywords "biodiversity and human lifestyles" are deeply linked.

Professor Tomohiro Ichinose is performing research into disaster risk reduction and reducing the effects of natural disasters based on ecosystems, as well as sustainable use of land.

## An Interest in Organisms Leads to an Awareness of Issues with Rural Communities

My fields of specialization are landscape ecology and planning, and rural planning. In recent years, I've been making efforts regarding conserving biodiversity, the creation of sustainable rural communities, strategic roll-outs of green infrastructure, and eco-DRR (ecosystem-based disaster risk reduction).

I was originally an agricultural major and studied the ecology of birds. I joined the faculty at the University of Hyogo from 1999, and while teaching at the Hyogo Prefectural Awaji Landscape Planning & Horticultural Academy, began researching dragonflies which live around irrigation ponds.

Because Awaji Island does not receive much rain and has no large rivers, man-made irrigation ponds have been maintained since ancient times to ensure enough water for agriculture. These ponds eventually be

## Scientifically Evaluating and Making Use of the Disaster Risk Reduction Functions of the Ecosystem

## Proposals for Land Use Suited to Our Current Times

**Please visit S-face website for details!**

There are more articles and video of Tomohiro Ichinose.



**S-face**

Search

Keio Research Institute at SFC  
Office of Research Development and Sponsored Projects,  
Shonan Fujisawa Campus, Keio University  
5322 Endo, Fujisawa, Kanagawa, 252-0882, Japan  
Tel: +81-(0)466-49-3436  
E-mail: info-kri@sfc.keio.ac.jp