

STAFF	Professor Teruaki HINO	Associate Professor Yasuaki NIIZUMA
TEACHING	Environmental Zoology	Animal Ecology and Conservation
	Ecology	Biometrics
	Biometrics	Environmental Bioscience III
	Advanced Animal Ecology (MC)	Advanced Animal Ecology (MC)



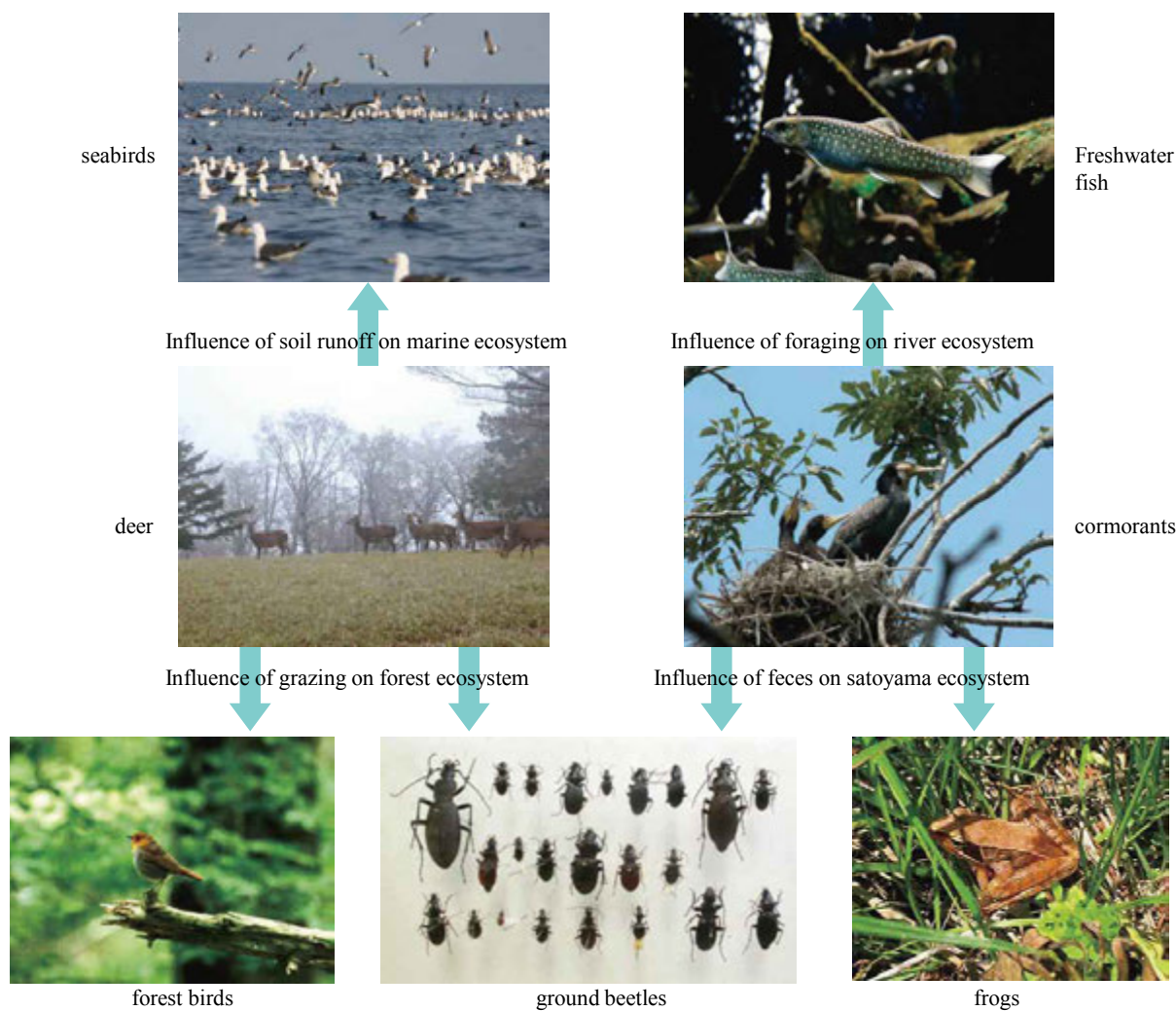
Professor  
Teruaki HINO



Associate Professor  
Yasuaki NIIZUMA

## Research

### Research on relationship between animals and their environments



Our laboratory examines the ecology, behavior and physiology of various animals living in their natural environment ranging from the ocean to the land. Analyzing the interactions between organisms in the same or different ecosystems helps us understand how biodiversity has been maintained and must be conserved.

#### Recent publications:

- Hino T, Ishida A (2012) Home ranges and seasonal movements of Great Cormorants *Phalacrocorax carbo* in the Tokai area, based on GPS-Argos tracking. Japanese Journal of Ornithology 61: 17-28.
- Ito H, Hino T, Sakuma D. (2012) Species Abundance in Floor Vegetation of Managed Coppice and Abandoned Forest. Forest Ecology and Management 269: 99-105.
- Furusawa H, Hino T, Kaneko S, Araki M. (2011) The effects of understory grazing by deer on aboveground N input to soil and soil N mineralization in a forest on Mt. Ohdaigahara in Japan. Japanese Journal of Forest Environment 53: 1-8.
- Niizuma Y (2011) Relationship between body water and lipid in three seabird species: Leach's Storm-Petrels, Rhinoceros Auklets and Black-tailed Gulls. Ornithological Science 10: 35-38.
- Sato T, Watanabe K, Kanaiwa M, Niizuma Y, Harada Y, Lafferty K (2011) Nematomorph parasites drive energy flow through a riparian ecosystem. Ecology 92: 201-207
- Kazama K, Niizuma Y, Sakamoto KQ, Watanuki Y (2011) Factors affecting individual variation in nest defense intensity in colonially breeding Black-tailed Gulls. Canadian Journal of Zoology 89: 938-944.