

## List of Dissertation Abstract

| Name              | Supervisor          | Title  | Abstract   |
|-------------------|---------------------|--|--|
| Takahiro<br>OKANO | Hiroyuki<br>MATSUDA | A study on cooperative<br>management of National Parks in<br>Japan with sharing diverse<br>value   | This paper discusses on Japan's National Park management in cooperation with regions, looking back at past discussions on the evaluation of landscape in the first designation of National Parks, as well as referring to cases of management systems of the World Natural Heritage and Biosphere Reserves in Japan. The cooperative approach of Japan's National Parks management should be aimed at the sustainable development of regions, and in order to achieve it, it is important, firstly, to understand diverse values of regions and interactions between the social economy and the landscapes, and secondly to share them with people involved to establish goals including an concrete image of regional social economy in the future. |
| Akiharu<br>Sasaki | Hiroyuki<br>Matsuda | The influence of Changes in<br>Land Use and Dairy Production<br>System on Substance Dynamics<br>in River Basin and Wildlife and<br>Fishery Industry in Hokkaido<br>Konsen-region | In the eastern part of Hokkaido, the Konsen district has two major industries: fisheries industry and grassland dairy farming. The development of grassland and the increase of nitrogen input after the 1950s eluted Al in the soil. This has exacerbated grassland vegetation and has a negative effect on fishery organisms. As a countermeasure against this, restoration of riparian forests, reduction of nitrogen input and improvement of grassland soil are effective. Regarding the implementation of countermeasures, it was considered necessary to obtain a consensus formation among local residents.  |