



JICA-DSP



# Graduate School of Environmental Science Division of Environmental Science Development Hokkaido University



## JICA Development Studies Program (JICA-DSP)

Various universities, in collaboration with JICA, have established JICA-DSP among the graduate school degree courses they offer. JICA-DSP consists of class subjects pertaining to the development experience of modern Japan (including the experience of Japan's own development and of its cooperation with other countries through ODA). This program offers JICA scholars a chance to deepen their understanding of Japan's development experience in the respective academic fields.

## The Graduate School of Environmental Science

The mission of the program is to generate new research knowledge for the understanding and protection of the global environment. This program seeks to develop technologies, tools, and services to facilitate a transformation to a low-carbon and resource-efficient society.

The field of education and research covers various phenomena, issues, and perspectives related to the environment. Subsequently, our graduate school aims to support breakthrough research across disciplines, develop the next generation of global leaders, and build transformative educational and research partnerships across the region and globe.



Hokkaido University offers the JICA-DSP

<https://www.ees.hokudai.ac.jp/>

# JICA-DSP offered by Hokkaido University



## PROGRAM OUTLINE

During its high economic growth period, Japan suffered from severe environmental problems owing to pollution and other factors. However, today, Japan holds the highest environmental standard in the world. The program aims to foster leaders in the field of environmental science and administration by providing education on:

- The history of environmental field in Japan
- Environmental law
- Restoration techniques
- Environmental administration process
- Current methods of environmental management



## COURSE SUBJECTS

### Fundamental Course in Environmental Science

- Basic and introductory issues in environmental science such as ecosystem and land use

### Introduction to Global Environmental Management

- Understanding global environmental issues, solutions, and the measurements to protect the environments including Japanese experiences

### Advanced Course in Environmental Pollution Comparison

- Environmental protection in industrially developing countries
- Geology, geography, and natural environment (Japanese and global context)

### Introduction to Renewable Energy

- Understanding the characteristics of each energy source
- Understanding current situations and issues in renewable energy referring to the precedents and development experiences inside or outside of Japan

I had the pleasure of taking part in the JICA-DSP to learn how Japan became one of the top modernized countries in the world. Sharing its experience on modernization and development was very unique and its customs, tradition, and values are always kept intact. I learned many things, including that the Japanese people are hardworking and very respectful. It was a pleasure learning about how the country worked on building its industrialized sectors, government policies, the Japanese cultures, and more.

### Apisai Rinamalo

Ministry of Forestry  
Fiji



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<https://www.jica.go.jp/dsp-chair/english/index.html>