



JICA-DSP

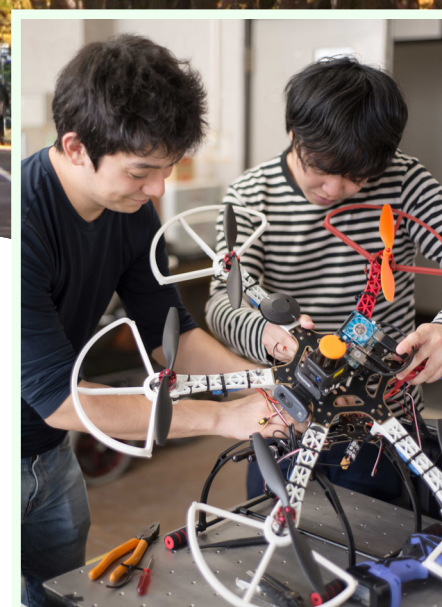


Graduate Schools of Engineering, Agriculture, Global Food Resources, and Health Sciences, Hokkaido University



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.



Graduate Schools of Engineering, Agriculture, Global Food Resources, Health Sciences

Students explore the historical path of modernization and development projects implemented in Japan since the Meiji era (19th century) in the areas of disaster prevention, national land development, agriculture, public health, resource development, and environmental conservation, with an emphasis on those implemented in Hokkaido. The program aims at transforming international students into global leaders who can play a key role in formulating and implementing policies tailored to meet the needs of their respective countries by using Japan's experiences as a reference.

Hokkaido University offers the JICA-DSP

<https://www.eng.hokudai.ac.jp/english/> | <https://www.agr.hokudai.ac.jp/en>
<https://www.gfr.hokudai.ac.jp/> | <https://www.hs.hokudai.ac.jp>

JICA-DSP offered by Hokkaido University



COURSE SUBJECTS

History of Resources Development and Environmental Conservation and Future Directions

- History of resources development and environmental conservation in Japan with special emphasis on experiences in Hokkaido
- Transfer of technologies overseas and future challenges

Modernization and Future of Disaster Prevention in Japan

- History of natural disaster (flood, tsunami, earthquake) and disaster prevention in Japan
- Transfer of technologies overseas, future challenges, and physical mechanism of natural disasters

Modernization and Future of National Land Development in Japan

- Overview of the history, challenges, and advancements underlying national land development in Japan
- Planning, design, construction, operation, and maintenance of social infrastructure
- National land development from the perspective of different civil engineering disciplines, with accompanying practical examples from Hokkaido and the rest of Japan
- International transfer of Japanese expertise and experiences
- Future national land development in the context of sustainable development

Agricultural Modernization in Japan

- Modernization and development projects implemented in Japan in areas like disaster prevention, national land development, agriculture, public health, resource development, and environmental conservation (Hokkaido and government's development assistance)
- History and challenges of agricultural modernization in Japan (particular focus on the history of agricultural development in Hokkaido) relevant for contributing to the growth of developing nations

Health Science in Japan's Modernization and its Future Perspective

- History of health science development accompanying modernization of Japan with special emphasis on experiences in Hokkaido
- Transfer of health strategy to overseas and future challenges

Taking the JICA-DSP courses gave me a better understanding of the developmental history of the Japanese agriculture, health, and mining industries. I was able to pinpoint the main junctions of economic transformations and advancements and how national policies with national efforts influenced such transformations. I am sure to utilize some of the lessons learnt from the JICA-DSP course in the near future in effecting more favorable policies and changes in the engineering sector of my country.

Ikogba Kelvin

Landmark University, MATOY LIMITED
Nigeria



JICA Development Studies Program (JICA-DSP)

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