



JICA-DSP



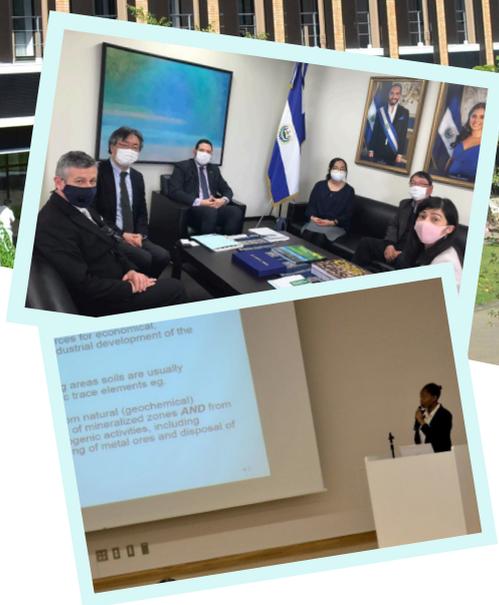
TOHOKU
UNIVERSITY

Graduate School of Environmental Studies, Tohoku 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.



International Environmental (Energy and Resources) Leadership Program, Graduate School of Environmental Studies

The International Environmental (Energy and Resources) Leadership Program offered by the Graduate School of Environmental Studies, provides a trans-disciplinary education, combining the humanities and sciences. The program educates both Japanese and foreign exchange students, placing high emphasis on specialized research in the environmental fields (Energy and Resources).

Tohoku University offers the JICA-DSP

<http://www.kankyo.tohoku.ac.jp/ielp/ielp/>

JICA-DSP offered by Tohoku University



PROGRAM OUTLINE

The International Environmental (Energy and Resources) Leadership Program seeks to equip students with a sense of internationalism, practical know-how, management capability, and the individual leadership and group-minded orientations inherent in strategic planning.



COURSE SUBJECTS

Energy and Resource Strategies

- Understanding of the current use of energy and resources in Japan
- Governance strategies to increase sustainability

Remote Sensing for Environment Study

- Electromagnetic wave methodologies
- Scattering of electromagnetic waves
- Electromagnetic waves in earth and environmental studies

Advanced Environmental Studies

- Environmental studies for advanced society
- Global environment materials science
- Applied eco-chemistry
- Cultural environmental studies

Hydro-Environmental Studies

- Physical and statistical approach to hydrology, with respect to changes in distribution, circulation, or temperature of the earth's water
- Planning and management of watershed environment

Water and Urban Environments

- Functions, properties, and problems of watersheds
- Relationship between processes related to water (e.g. precipitation, evapotranspiration, runoff) and surrounding environment

Life at the Graduate School of Environmental Studies at Tohoku University provided me with a richer comprehension of geology and geothermal energy, about ensuring successful resource utilization, and the mechanisms to improve electricity generation. Sharing the knowledge gained in this experience will have a positive impact in the academic and technological growth of my home country.

As a JICA fellow, I had a wonderful experience understanding the culture in Japan and how El Salvador and Japan have a great partnership since the past 50 years.

Luis José Salalá Santos

University of El Salvador
El Salvador



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