



ADMISSION INFORMATION

Admission requirements

- University graduation with GPA $\geq 2.5/4.0$ in majors specified in admission announcement.
- English proficiency requirements:
For official enrollment: Level 3/6 (IELTS 4.5) in Vietnamese reference framework for foreign language or equivalent.

Entrance exam

- Open admission
- Entrance exam: documents screening and interview

Application documents

Visit the VJU website at www.vju.vnu.edu.vn or vju.ac.vn for admission guidelines and to download application documents.



Ibaraki University has developed into a mid-size national university with five undergraduate colleges and four graduate schools. There are approximately 8,400 students.

Ibaraki University has consistently aimed to develop outstanding human resources through education and research.



MESSAGE FOR PROSPECTIVE STUDENTS

Climate change is one of the greatest threats that human beings, especially those living in the Asia-Pacific region have been facing with. Therefore, searching countermeasures for this catastrophe is urgent for the sustainable development, which creates many opportunities in climate change business, such as identifying the nature, analyzing, evaluating, forecasting climate change, its impacts and vulnerability, implementing climate change adaptation and mitigation measures, developing low carbon and highly resilient economy and society in harmony with nature. The Master's Program in Climate Change and Development (MCCD) aims at training human resources who can grasp and excel in these highly demanding and sustainable job opportunities.

The program offers a wide range of career opportunities, such as: 1) start-up businesses in climate change; 2) experts in science, technology and climate change management for development at enterprises, nature reserves, biosphere reserves, and tourist destinations; 3) managers, policy makers, policy advisors in management agencies, consultants on climate change response and development in socio-political, international and non-governmental organizations; 4) researchers and lecturers in academia.

Your participation in the MCCD will help to promote the development of a sustainable and harmonious society, which counters effectively to climate change and takes advantages of the aforementioned job opportunities in climate change business

Prof. Dr. Mai Trong Nhuan, Vietnam National University, Hanoi. Director MCCD.

Prof. Dr. Kazuyuki Kita, Ibaraki University. Co-director MCCD.



MASTER'S PROGRAM IN CLIMATE CHANGE & DEVELOPMENT

The program is endorsed by:

CONTACT INFORMATION

Address: My Dinh Campus, Luu Huu Phuoc Road,

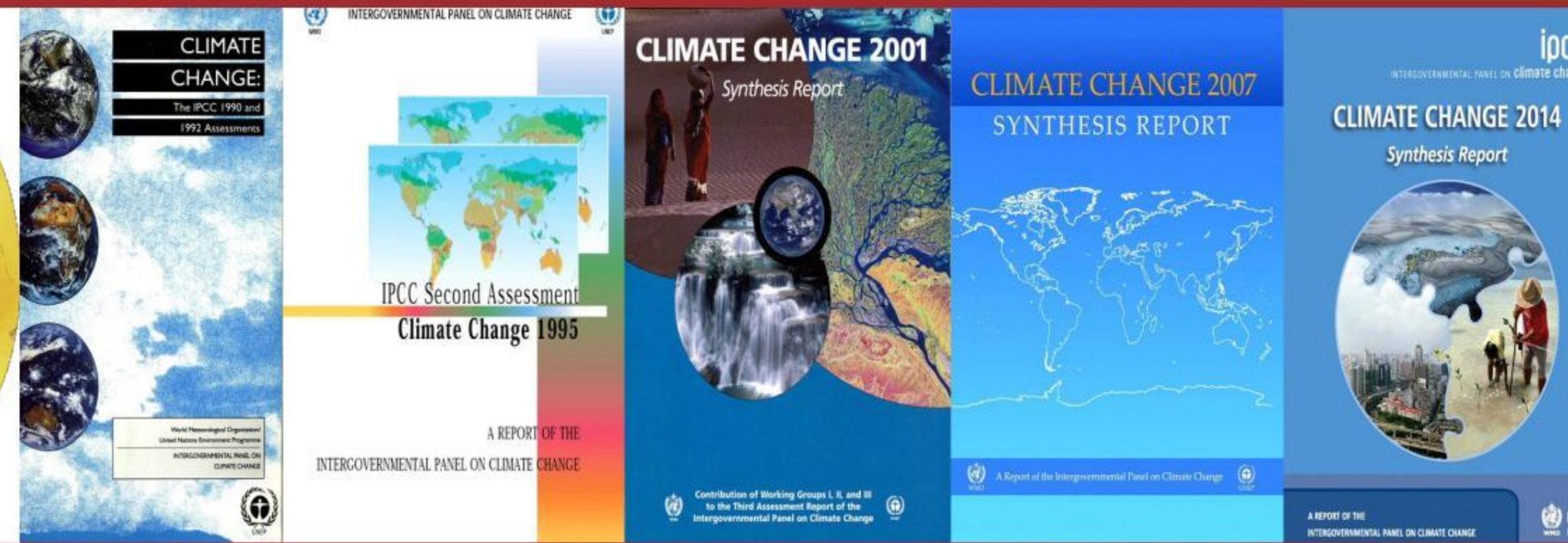
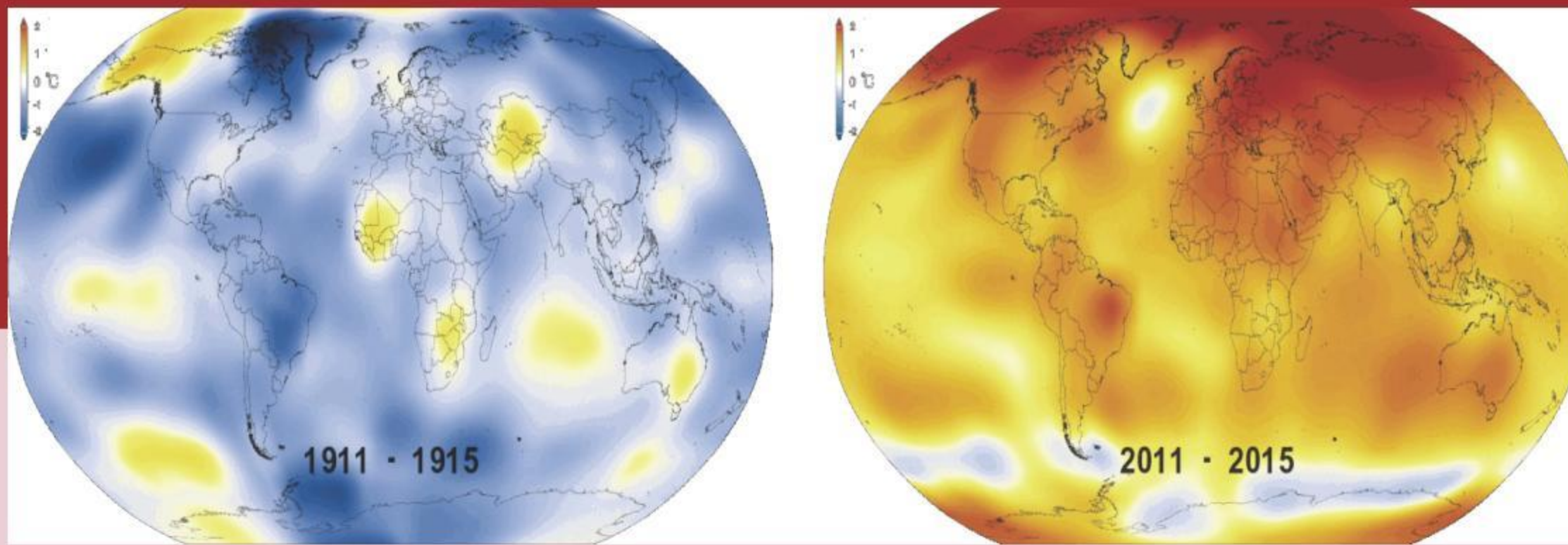
Cau Dien Ward, Nam Tu Liem District, Hanoi

Phone: (+84) 24 7306 6001 (ext 5093)

Hotline: (+84) 966 954 736 or (+84) 969 638 426

Email: admission@vju.ac.vn





EDUCATIONAL OBJECTIVES

The Master's Program in Climate Change and Development (MCCD) at VNU Vietnam Japan University (VJU) aims to:

- Equip students with basic, interdisciplinary knowledge of the nature, tendency, impacts, vulnerability, adaptation and mitigation of climate change in relation to development;
- Equip students with competence and skills to discover, analyze, evaluate, forecast problems related to climate change and development; to propose and create climate change adaptation and mitigation measures for sustainable development;
- Train students to work as scientists/ technologists, managers/ leaders/ policy advisors/ consultants on climate change business as well as to propose, implement projects and to participate in international and national forums on climate change and development;
- Provide students with opportunities to pursue PhD at leading universities in Japan and around the world.

ADVANTAGES OF THE PROGRAM

- High quality program, based on the curriculum of Ibaraki University, modified to meet the requirements of Vietnam context;
- International academic environment; advanced teaching methods; modern laboratories; practical experience in one of the most vulnerable countries in the world but is a pioneer in response to climate change – Vietnam; learning and practicing the world's leading technologies to tackle climate change from Japan, insightful guidance from well-known professors, scientists, excellent managers on climate change business in Japan and Vietnam;
- Substantially subsidized tuition fees; full merit-based scholarships for outstanding students;
- Cost of internship in Japan fully covered for at least 50 percent of students;
- Modern knowledge and skills in a multicultural context, especially Japanese language and culture;
- Opportunities to work in Japanese companies or future study at doctorate level at a Japanese partner universities.

CURRICULUM

COURSES	CREDITS
General knowledge	9
Philosophy	3
Japanese Language	6
Fundamental and Specialized courses	
Compulsory courses	18
Basic Sustainability Science	3
Methodology and Informatics for Sustainable Science	3
Fundamentals of Climate Change I	3
Fundamentals of Climate Change II	3
Climate Change Impacts and Vulnerability Assessment	3
Climate Change Mitigation and Adaptation	3
Elective courses	19/71
Academic English	4
Climate Modeling	3
Social Research on Climate Change	2
Paleoclimatology	2
Economics of Climate Change	3
Integrated Modelling and Complex Systems Science	2
Climate Policy, Law and Institutions	2
Environment, Health and Societies	2
Climate Change Risk Assessment and Management	3
Communities and Climate Change Adaptation	2
Climate Projections: Uncertainty and Decision Making	2
Nature and ecosystem based adaptation	3
Geo-informatics and Data Analysis for Climate Change Response	2
Climate Change and Security	3
Climate Change Innovation	2
Aqua-Agriculture Adaptation to Climate Change	3

Energy technologies and management for mitigation	3
Sustainable Water Management	3
Climate Change Adaption in Cities	2
Land Use Planning for Climate Change Response	2
Development and Sustainable Development in the Context of Climate Change	2
The Sociology of Climate Change	3
Cost-Benefit Analysis for Climate Change	3
Resource and Environmental Economics	3
Climate Finance	2
Regional and Urban Development Policy	2
Agriculture and Rural Development Policy	2
Environmental Management Systems	2
Hands-on Training and Interdisciplinary Fieldwork on Climate Change	2
Internship	6
Master thesis	12

The curriculum consists of total 64 credits, including core courses of fundamental and professional knowledge as well as elective courses in each specified field.

TEACHING LANGUAGES

English and Vietnamese

DEGREE AND QUALIFICATION

The degree of Master in Climate Change and Development

DURATION AND LOCATION

Duration: 24 months of full-time study

Location: My Dinh Campus of VNU Vietnam Japan University

