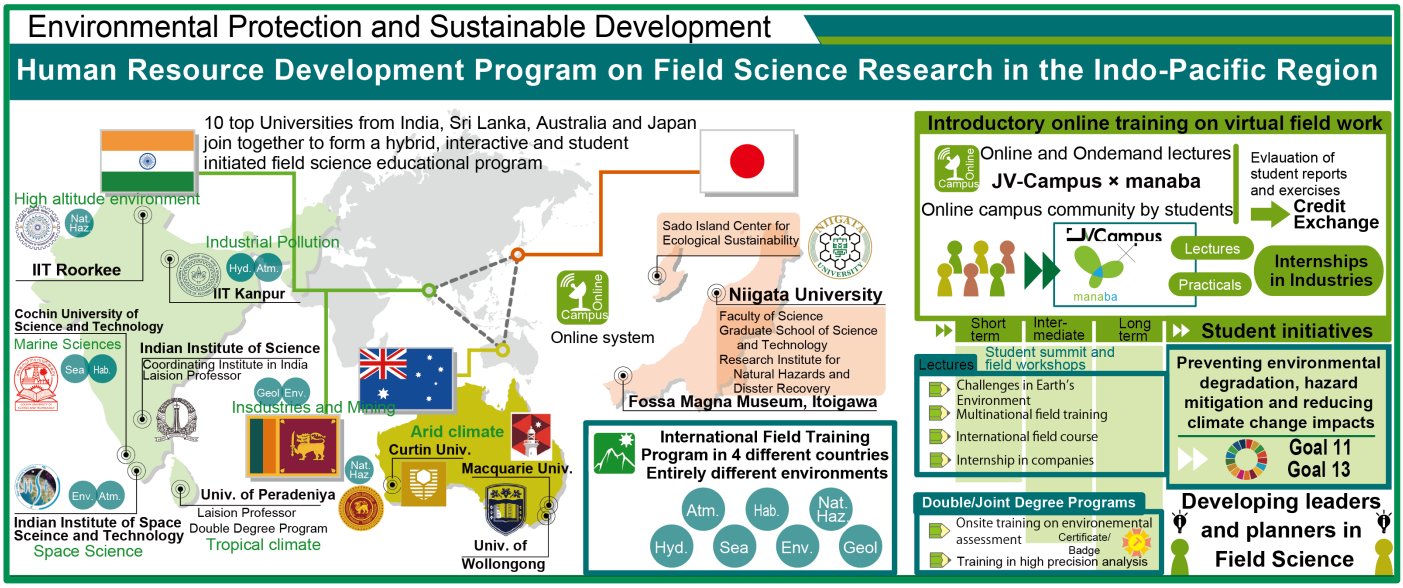
FY2022 Inter-University Exchange Project Niigata University

Support for Creation of Inter-University Exchanges in the Indo-Pacific Region

【Name of project】(Adopted year: FY2022)

Human Resource Development Program on Field Science Research in the Indo-Pacific Region

【Summary of Inter-University Exchange Projects】



【Summary of Exchange program】We develop a hybrid exchange program in field science research that combines both cloud-based online and onsite training to solve environmental problems. Online courses will focus on "virtual field studies" at various sites in the Indo-Pacific region, followed by onsite visits where students will acquire practical abilities to understand the nature in detail by conducting hypothesis verification of virtual field learning and analysis. In addition, participation in internships conducted by industries in the field of resources and energy, students will acquire strong entrepreneurial culture. Students joining this program set issues and formulated solutions by themselves, through workshops and student summits to share each other's experiences. Teaching materials and grade management will be carried out through a cloud-based online education system of JV-Campus to ensure quality assurance and sharing, and credit transfer will be performed. In the long-term program, we will also work on the Double Degree Program (DDP) for graduate students.

【Global Human Resource on the project】To develop young talent with leadership qualities as field engineers and consultants with specialized and practical knowledge on global environment for a long-term sustainable society that balances environmental conservation and sustainable economic development. Furthermore, human resources to create seeds for new industries in the Indo-Pacific region and serve as a mediator for international exchange and the use of natural resources with low environmental impact, and conservation measures in accordance with the SDGs.

【Feature on the project】This project aims to build an international platform on "field science" based human resource development with ten universities from the Indo-Pacific region having distinctive research and educational perspectives. Ultimately, the needs of a sustainable economic development and realization of a free and open Indo-Pacific regional partnerships, that efficiently uses local resources from a global perspective while maintaining the natural environment that forms the basis of life.

【Exchange number】

		2022	2023	2024	2025	2026
Out bound	Students studying abroad	0	0	0	0	0
	Students taking online international education and exchange programs in their home countries	20	40	40	40	50
	Students fulfilling both of the above requirements	0	20	25	25	30
In bound	Students studying abroad	0	0	0	0	0
	Students taking online international education and exchange programs in their home countries	20	40	40	40	50
	Students fulfilling both of the above requirements	0	25	30	30	35