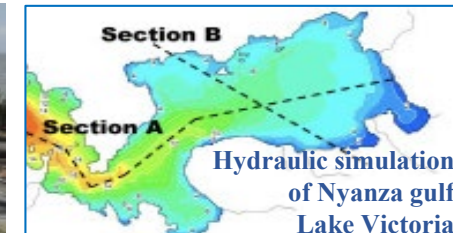


#### Aims and futures

- This program aims to develop advanced engineers and researchers who can play leadership roles on the international level in the technological development and environmental management.
- This program focuses on acquiring basic scientific knowledge and practical application skills to solve various problems in water environment science and water treatment engineering.
- This program accepts students from various sciences and engineering fields, not limited to environmental engineering and environmental sciences.
- All lectures necessary for graduation are carried out in English.



#### Practicum on water science and wastewater in master program



#### Examples of subjects in the course work of the master program

- ✓ Modern water treatment engineering and practicum
- ✓ Environmental monitoring and modeling practicum
- ✓ Environmental data science and geoinformatics
- ✓ Restoration and conservation of water environment
- ✓ Transport theory in water environment and water engineering
- ✓ Environmental material science and chemistry

#### Examples of research topics in master and doctoral program

- ✓ Appropriate water treatment engineering for Africa and Asia
- ✓ Aqua-Informatics: Application of simulation and machine learning
- ✓ Aquatic ecosystem and Ecological Engineering
- ✓ Hydrological studies of global and local water environment
- ✓ Development of new materials for water treatment
- ✓ Advanced water treatment using membrane separation technology

#### Scholarships

- Government-sponsored scholarships (MEXT).  
<https://www.studyinjapan.go.jp/en/planning/scholarship/types/>
- The WISE Programme of MEXT: Global Health Elite Programme for Building a Healthier World  
<https://www.wise.nagasaki-u.ac.jp/en/>
- JICA : ABE Initiative promoted  
<https://www.jica.go.jp/english/countries/africa/internship.html>
- JICA:SDGs Global Partner Ships  
[https://www.jica.go.jp/dsp-chair/english/dsp/course/content/sdgs\\_global\\_leader.html](https://www.jica.go.jp/dsp-chair/english/dsp/course/content/sdgs_global_leader.html)
- Global Human Resource Development Scholarship by Nagasaki Univ.  
Others: visit to [https://www.liaison.nagasaki-u.ac.jp/en/?page\\_id=148](https://www.liaison.nagasaki-u.ac.jp/en/?page_id=148)

#### Admission guidance

- 2024 October Entrance: Tentative schedule  
Application period for admission: Last week of May/2024  
and Examination period: Last week of June/2024
- 2025 April Entrance: Tentative schedule  
Application period for admission: Last week of Sep./2024  
and Examination period: Last week of Oct./2024

- Contents of Entrance examination (by remote using ZOOM)  
Master program: Short essay and Interview (in English)  
Doctoral Program: Presentation and Interview (in English)  
<https://www.ist.nagasaki-u.ac.jp/graduate> (in Japanese).  
English HP is under the construction !

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