


University of New Orleans
The Water Institute of the Gulf
National Science Foundation
International Research Experiences for Students

**GRADUATE TRAINING PROGRAM IN ADVANCED TECHNIQUES FOR WATER MANAGEMENT
HELD IN THE NETHERLANDS – SUMMER 2024**



An exciting student training opportunity in coastal management will take place in the Netherlands in summer 2024 at Deltares, Utrecht University, and the Technical University of Delft – all established European centers of excellence for advanced water management techniques. Selected students will participate in pre-travel virtual orientation and training programs, an on-site orientation in Delft (Netherlands), two weeks of hands-on classroom, modeling (Delft3D), laboratory, and field training, and enrichment activities in the Netherlands.

PROGRAM BEGINS JULY 5, ENDS JULY 20, 2024,* AND INCLUDES HOUSING, MEAL, AND TRAVEL COSTS FOR PARTICIPANTS.

Students in PhD programs in fields relevant to coastal water management are eligible to apply, but preference will be given to those who have completed at least two years of graduate study. For fields where the masters is considered the terminal degree, masters students are eligible. This course will be most beneficial for students who are interested in participating in or pursuing careers in water resilience, sustainability, coastal, or related programs. Preference will be given to those who fit one of the following profiles:

- Students experienced or interested in coastal numerical modeling wanting to deepen skills and form connections and collaborations;
- Field scientists who want to increase the relevance of their work to applied problems or to incorporate numerical modeling into their work;
- Landscape architects, city/urban planners (or related disciplines) who are not necessarily physical scientists but who are interested in how coastal communities adapt to their rapidly changing environment and numerical modeling tools used to inform decision making;
- Environmental scientists and those in sustainability degree programs with an interest in water management related to coastal and flooding issues, including modeling.

No prior Dutch language skills or modeling skills are required. Consideration of applications will begin by Jan. 26, 2024. Program open only to US citizens and permanent residents. Notification of acceptance to the program will be made via e-mail as early as Feb. 9, 2024. To apply, submit these items:

- [Web Application Form](#) (preview provided below)
- A letter of recommendation from your PhD advisor
- Unofficial transcripts from all undergraduate and graduate programs attended or completed

Have letters and transcripts sent to be received by **Jan. 26, 2024** to the e-mail address below.

Dr. Maddie Foster-Martinez, Assistant Professor
University of New Orleans
Netherlands.IRES@uno.edu

This program is funded by the National Science Foundation.

*All program dates are tentative

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Participants Will Receive:

- Round trip air transportation from the US to the Netherlands
- Shared housing in the Netherlands
- Meal allowance
- International health insurance
- Local transportation
- Program materials

Participants Must Commit To:

- Four virtual training sessions (2 hr each)
- Obtaining a valid US passport prior to March 15 (expiration date no earlier than Jan. 31, 2025)
- Arriving in Amsterdam on July 6 (departing US on July 5)
- Attending all orientation programs
- Participating in all training activities (classroom, laboratory, field)
- Participating in all scheduled enrichment activities
- Making an end of program presentation on July 19*
- Completing program evaluation forms
- Participating in a post-program virtual workshop in August 2024
- Sharing your experience with fellow students
- Adhering to all COVID protocols for UNO, the US, and the Netherlands

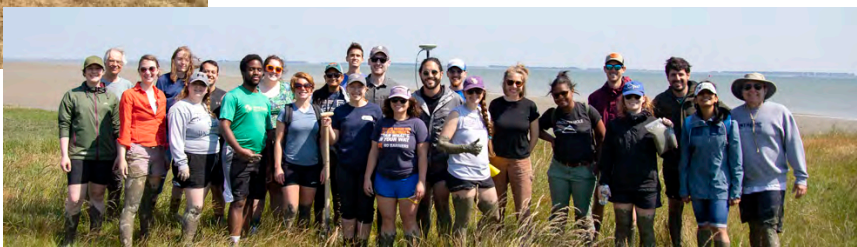
All program dates are tentative



No Prior Dutch Language Skills Required



See photos from previous years via #IRESNL22 & #IRESNL23 on Twitter



2024 UNO-WI IRES Netherlands Application

This application is for the Graduate Training Program in Advanced Modeling Techniques for Coastal Water Management held in the Netherlands - Summer 2024. The program is coordinated by the University of New Orleans (UNO) and the Water Institute (WI) and is funded by the National Science Foundation (NSF) International Research Experiences for Students (IRES).

* Indicates required question

1. Email *

2. Citizenship *

Only U.S. citizens and permanent residents are eligible.

Mark only one oval.

- ☐ U.S. Citizen
- ☐ U.S. Permanent Resident (Documentation will be required later)
- ☐ Other (Not eligible for this program. Please do not submit an application.)

3. Are you currently enrolled in a PhD program (or terminal degree for your field) in water resilience, sustainability, coastal, or a related area? *

Those who are not in or will not be continuing in a PhD or terminal degree program as of May 2024 are not eligible.

Mark only one oval.

- ☐ Yes
- ☐ No (not eligible to apply)

4. I understand that participation in this program requires compliance with all University of New Orleans, U.S., and Dutch COVID protocols and regulations. *

Mark only one oval.

☐ Yes

☐ No (not eligible to participate)

5. Last Name *

6. First Name *

7. Date of Birth *

Example: January 7, 2019

8. Address *

9. City *

10. State *

11. Zip Code *

12. Phone Number *

13. Email address *

14. Gender *

Mark only one oval.

☐ Female

☐ Male

☐ Non-binary

☐ Choose not to respond

☐ Other:

15. University of current enrollment *

Indicate what university you are currently enrolled in as a PhD (or terminal degree) student

16. Current major/area of study *

Indicate your major or the topic area of your PhD or terminal degree program (e.g., hydrology, chemistry, etc.).

17. My expected PhD degree (or terminal degree) graduation date is *

Example: January 7, 2019

18. Current graduate GPA *

(Indicate graduate GPA on a 4.0 scale for your current program)

19. Undergraduate university *

(Indicate college from which you earned an undergraduate degree)

20. Undergraduate major *

(Indicate the major of your undergraduate degree)

21. Undergraduate GPA *

(Indicate college GPA on a 4.0 scale)

22. Have you received a Master's degree? *

Mark only one oval.

☐

Yes

Skip to question 23

☐

No

Skip to question 25

Master's Degree Info

23. What was your major/area of study for your Master's degree?

24. What was your GPA for your Master's degree?

Personal Information

25. Race *

(select one or more)

Check all that apply.

☐

Black

☐

Native American

☐

Asian

☐

Pacific Islander

☐

White

☐

Other:

26. Ethnicity *

(select one)

Mark only one oval.

☐

Hispanic

☐

Not Hispanic

27. Career Goals *

Briefly describe your career goals and motivation.

28. Personal Statement *

Describe your background and your interest in this program (~1 page). Address how your background fits with this program and how the program will enhance your career and its impact.

29. Describe Prior Research Experience: *

30. Work Experience, if any (firm, position, dates, duties):

31. How did you learn about this program? *

In addition to this application form, submit to *Netherlands.IRES@uno.edu*:

1. A letter of recommendation sent directly from graduate advisor
2. Unofficial transcripts from all undergraduate and graduate programs attended or completed

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