



SHIMA 2024

August 13th – 15th





SHIMA

SHIMA is an outreach project that aims to educate high school students about the sustainability of island ecosystems and cultures.

The concept of SHIMA is based on these interrelated pillars:

- science education outreach activities
- engagement between OIST scientists and neighboring communities
- understanding sustainable island ecosystems and cultures.

This is a workshop for high school students addressing the Sustainable Development Goals (SDGs) and island sustainability.

Shima: 'island' in Japanese language



にふえーでーびる

Nifee deebiru for joining SHIMA 2024 !

We would like to express our sincere gratitude to **U.S. Consulate General Naha** and **JTA airline** for the generous support to SHIMA 2024.

Nifee deebiru to **Callum James Hudson** from OIST **Marine Climate Change Unit**, **Hiroyuki Matsubara** from Onna Village Public Office, **Akiko Katsuki** from Halekulani Okinawa, **Masami Yamashiro** from Coral Conservation Society in Onna Village, **Ryo Kirino** from Onna Village Red Soil Runoff Prevention Council, **Takashi Ikemiya** from Onna Village, **Kaori Serakaki** from OTST media relations section for providing the sessions and hands-on activities for Okinawan high school students participating in SHIMA 2024.

Nifee deebiru to all the students participating from many different high schools in Okinawa. We hope that this program may foster your natural interest in science and inspire you to pursue scientific professions for the benefit of your own island community.

Nifee deebiru: thank you - an expression of gratitude and appreciation in Okinawan language.



American Consulate General, Naha
在沖米国総領事館



JTA
JAPAN TRANSOCEAN AIR

SHIMA is supported by:

Workshop Schedule

13 th August 2024	<ul style="list-style-type: none">• Introduction of OIST• Introduction of SHIMA• Introduction of U.S. Consulate and English program• OIST Campus tour• Lecture on “what is a communicable presentation?”
14:00 – 17:30	
14 th August 2024	<ul style="list-style-type: none">• Learn about coral conservation by observing restored coral reefs• Coral planting activity• Session on initiatives for coral reef conservation in Onna Village• Session related to marine science by researcher at OIST• Session on sustainable future city in Onna village• Session on sustainable tourism in the hospitality industry
09:00 – 17:30	
15 th August 2024	<ul style="list-style-type: none">• Honey & Coral Project (Ryo Kirino, Takashi Ikemiya)• Field Work / Honey & Coral Project (Ryo Kirino, Takashi Ikemiya)• Presentation• Closing Ceremony• BBQ dinner
09:00 – 20:00	





Aichi Kina

1st Year, Okinawa Shogaku High School

I was born and raised in Okinawa. I love camping with my family in this beautiful nature and enjoy observing the living things here. I like to draw and read books. When I thought about what I can do in the future to maintain this beautiful nature, I realized that this opportunity to meet with OIST's scientists will help me understand the facts about Okinawa.

Amelie Yokosawa

1st Year, Tyrosse High School

I was born in Gunma and raised in Okinawa. I like science and mathematics. I really loved the science club in Unna junior high school. In the future, I would like to major in mathematics.



Ami Oki

1st Year, Okinawa Kaiho High School

I am very excited to know about Okinawan nature and talk to real scientists in OIST! I love watching foreign movies on weekends. My future dream is to study in OIST and develop new drugs for pediatric cancer. I think this will be a nice opportunity to be friends with future scientists!



Anju Yamane

2nd Year, Kyuyo High School

I was born in Nagasaki, but grew up all my life in Okinawa. I love the beautiful nature of Okinawa.

I look forward to learning many things through my activities at SHIMA and getting to know you all.

Arina Ito

2nd Year, Kyuyo High School

I am interested in the marine environment, such as corals, and I want to learn more about it in English. I want to enjoy exchange with other high school students in this project. I want to make many friends.



Arisa Nakamura

2nd Year, Kaiho High School

I like listening to music and eating good food.

I am very interested in the field of biology and environment and would like to become a researcher in that field in the future.

I hope this program will be an experience which I can learn new things and have fun.



Eri Gushiken

3rd Year, Gushikawa High School

Nice to meet you, my name is Eri Gushiken, I am 17 years old.

My favorite food is beef tongue. I like to see the sea and the stars! My favorite celebrity is Tsuda. I want to be friends with everyone!



Hitoha Nakazato

3rd Year, Koyo High School

My charm point is that I have flexible imagination and make an effort by keeping my strong will.

When I'm in nature, I can be innocent and relieve my stress.

So I want to make use of my own imagination to develop products that have never existed before and create a sustainable society.



Hiyori Miiji

3rd Year, Yokatsu High School

I love the blue sea of Okinawa and Okinawa ! I go swimming in the sea with my dog on every weekend. I would like to be a person who can play an active role in the international community. I'm excited to learn a lot in 3 days.

Kaho Kohama

3rd Year, Gushikawa High School

My hobbies are traveling and historical research. I took the Shinkansen and the monorail to Fukuoka with my friends. I would like to visit Fukuoka again.

In this program, I would like to learn more about the environmental issues happening in Okinawa and get new ideas about what I can do now.

I would like to enjoy working together to learn more about Okinawa.



Kana Maeda

3rd Year, Gushikawa High School

I like interacting with animals, talking with friends, and going for walks. At OIST, I would like to think and learn about problems and solutions related to living creatures and nature in Okinawa.



Kanano Hirachi

2nd Year, Kyuyo High School

I love the nature of Okinawa. I enjoy watching movies. I'm looking forward to meeting everyone and learn about Okinawa's ecosystem.

Keiichi Yasunaga

2nd Year, Kaiho High School

I recently spent 10 months studying abroad in Denmark, which was an incredibly enriching experience for me. One of my passions is cycling, and I especially love riding through the beautiful natural landscapes of Okinawa.

In the future, I aim to study sports medicine and work as a dedicated doctor for a professional cycling team. Additionally, I am enthusiastic about using my favorite bicycle to promote cycle tourism in Okinawa. By doing so, I hope to help protect Okinawa's industries, preserve its unique natural environment, and contribute to the creation of a sustainable society.



Kota Kinjo

3rd Year, Yaeyama High School

I am interested in engineering.

I want to Improve Okinawa from perspective of engineering in university.

I am dance club member in my school.

Also, I like watching movie.

My favorite movie is Suzume.

Maki Uezato

3rd Year, Okinawa Shogaku High School

I am interested in ants and termites. I would like to learn about it at university.

I like listening to music.

I'm not good at English, but I'll do my best.



Miho Uehara

2nd Year, Kyuyo High School

I love getting touch in nature and I love learning science about it.

And I feel strongly about I want to save rich nature of Okinawa in the future.

I want to get to learn how to make sustainable society through the experience of connecting with scientists from the world by this program!



Milana Akamine

3rd Year, Chatan High School

My hobby is listening to music. I usually listen to kpop! When I go to college, I'd like to show people Okinawa's beautiful charm so I'd like to learn a lot about Okinawa's nature and beauty!

Mirei Yamauchi

1st Year, Kyuyo High School

I'm proud of the ocean of Okinawa and I love it so much. I would go swimming in Ishikawa beach once a month. I like plying softball and volleyball with my friends. I think we need to leave wonderful nature to the next generation. For that purpose, I would like to learn how to protect the nature of Okinawa with OIST!!



Momoko Kamiya

2nd Year, Kaiho High School

I believe that learning about my beloved Okinawa will be a great asset in the future.

My hobbies are listening to music and reading, and every weekend I go to the University of the Ryukyus to do research activities.

Of course, I aim to become a researcher in the future.



Ninto Nakagawa

2nd Year, Okinawa Shogaku High School

I am passionate about Okinawan creatures and island sustainability. On weekends, I love to go to the beach and relax. In the future, I hope to work in a science-related field, contributing to nature. I am excited to experience this program and look forward to all the opportunities it will bring.

Raiki Kakazu

3rd Year, Naha High School

Hi I'm Raiki Kakazu.

I'm a third-year student at Naha High School and I am a member of the volleyball club.

My dream is to become a social entrepreneur and clean the ocean or river around world.

I'm glad if you talk to me a lot.



Rin Komine

1st Year, Kaiho High School

Hello, my name is Rin Komine.

I'm a student at Kaiho High School. At school, I belong to the handball club and the light music club. In the band, I play guitar and vocals. Also, I have played the sanshin for 7 years.

My favorite subjects are math and science, but I am not good at English. So, I am a little nervous, but I hope I can get along with everyone! Thank you very much!

Runa Akamine

1st Year, Naha High School

I love Okinawa! Especially I love nature so I'm looking forward to join this project and learning nature for Okinawa. Also, I like reading books, playing games and watching anime. I want to learn and thinking about Okinawa in OIST!



Runa Otsuka

3rd Year, Yaeyama High School

Hello everyone! I'm Runa Otsuka. I'm a Yaeyama Highschool's student in Ishigaki-island. I love animals! I especially love cats and I have two at home. In SHIMA2024, I want to make a lot of friends!



Ryo Oyakawa

2nd Year, Miyako High School

I have interest manufacturing. I like to learn! I want to get a lot of idea in this workshop !

Tsubaki Nagamine

2nd Year, Shuri High School

I am Tsubaki Nagamine. I like beautiful sea in Okinawa. I enjoy watching movies. I think it would be a great opportunity to meet and learn from researchers at OIST!



Tsubasa Sawada

2nd Year, Miyako High School

I love the nature and people of Miyako Island. I go cycling and I love the coast and beaches that I can see when I do. And I like to play at Maehama beach with my friends every year. I want to save this beautiful Miyako Island. I want to work hard for the future of Miyako Island.

Speakers and Lecturers



Aya Toyama

U.S. Consulate General Naha



山城 正巳

会長

一般社団法人 サンゴ保全協会



Callum James Hudson

Evolution Cell Biology, and
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