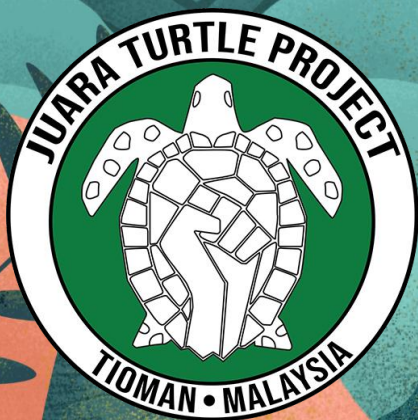


JUARA  
TURTLE  
PROJECT

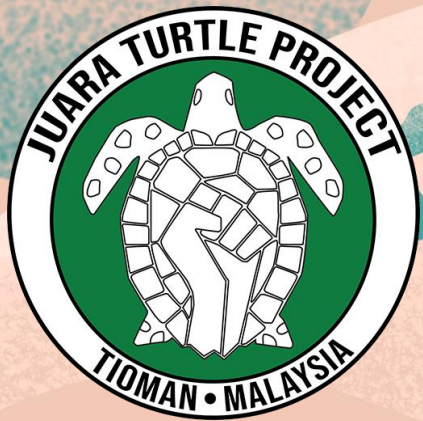


# OCEAN NEEDS EVERYONE

NEWSLETTER







# ABOUT US

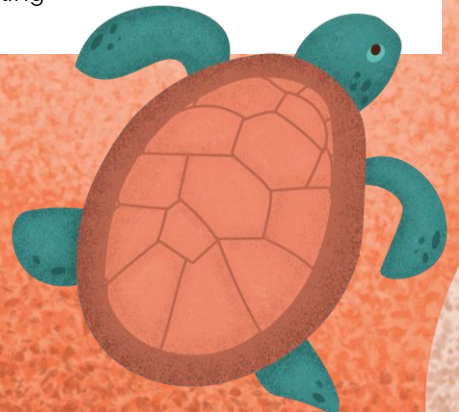
Juara Turtle Project (JTP) is a conservation NGO located in Kampung Juara, on Tioman Island in Malaysia. From the point of our inception, the intention of Juara Turtle Project was to work with the local community to manage threats to the breeding turtle population. Since then, we have organically grown to encompass a number of other conservation programs and initiatives. While the turtle hatchery remains the face of our organisation, the threats to turtles are just a representation of bigger issues that all of us face as a planet.

Our mission is to protect what's left of the nesting sea turtle population around Tioman Island and to raise awareness of the devastating issues that are globally affecting

these beautiful and highly endangered species.

After working directly with sea turtles for more than 10 years, JTP now also has programs aimed at documenting and repairing local coral reefs; as well as a waste management program, conducting recycling and beach clean-ups in and around the village of Juara.

We are only able to continue our important work with the support of the Malaysian Department of Fisheries, a number of schools and universities from all over the world and with the help of the hundreds of volunteers that take time to come and be involved with our conservation efforts.





# MEET O.N.E

Hi my name  
is **JOANNE**.  
I am a  
MULTIMEDIA  
DESIGNER.

Hi my  
name is  
**MELDA**.  
I am a  
GRAPHIC  
DESIGNER.

Hi  
my name is  
**LIMENG**.  
I am a  
MULTIMEDIA  
DESIGNER.

Hi my  
name is  
**HUAN  
HUI**.  
I am a  
GRAPHIC  
DESIGNER.

Hi my name is  
**NIMA**. I am a  
MULTIMEDIA  
DESIGNER.

Hi my name is  
**AINA**. I am a  
MULTIMEDIA  
DESIGNER.

Hi my name is  
**AMIRA**. I am a  
GRAPHIC  
DESIGNER.

Hi my name is  
**CHIA YIE**. I am  
a MULTIMEDIA  
DESIGNER.

Hi my name is  
**YISHAN**. I am a  
GRAPHIC  
DESIGNER.

Hi my name is  
**JIN YU**. I am a  
GRAPHIC  
DESIGNER.

Hello there, my name is Valerie and I am the captain of O.N.E, short for Ocean Needs Everyone. Our team consists of UCSI students ranging from multimedia, 3D Animation and graphic designers. We are a team of design students in charge of designing artworks for Juara Turtle Project and this newsletter. We hope through our design artworks, it can inspire everyone, raise awareness and gain knowledge about marine life and the ocean's ecosystem.





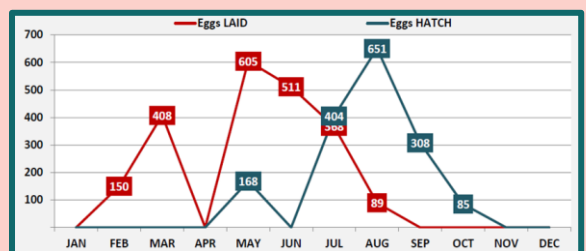
# SEASON SUMMARY

2021 has been a difficult year for everyone and JTP is no exception. The COVID-19 pandemic has affected us in a number of ways. SOP's and bans on outdoor activities kept us from being able to patrol the nesting beaches (sometimes for weeks at a time), meaning that the number of nests/eggs relocated this year is significantly lower than we would have hoped.

Also, interstate and international travel bans have meant that many of you have not been able to visit us this year. We haven't seen many tourists in the visitor's centre and have only managed to house 4 volunteers this season. This has meant funds have been in seriously short supply. Our team did manage to secure a couple of grants to help fund the projects activities, most notably one from the MAGIC (Malaysian Global Innovation & Creativity Centre). But we didn't weather the storm alone we've seen support from all over the world.

We would like to give a special mention to our long-term supporter UWCSEA (United World College South East Asia) whose contributions to the project this year have been a massive help. But they weren't the only ones, a big thank you to everyone who donated to support the project in our time of need, we really couldn't have done it without you!

This year we have successfully relocated 2131 sea turtle eggs to our hatchery and released 1616 baby sea turtles into the ocean. We were able to carry out maintenance dives on coral rehabilitation blocks from 2019 and 2020. JTP staff collected and recycled almost 700 kg of trash from the local village and removed over 500kg of waste from local beaches during beach clean ups. JTP has also had to adapt to the changes we've faced thanks to COVID, hosting a number of online events, talks and virtual tours to keep our outreach and education program effective; providing educational sessions to local and international students, so the future generation is aware of the global threats affecting the Earth they will inherit.



Number of sea turtle eggs laid and hatch per month for 2021



11<sup>th</sup> August 2021

# TRASH TO TREASURE

In conjunction with World Nature Conservation Day on July 28th 2021, JTP and Reef Check Malaysia began collaborating with 7-Eleven Malaysia on their campaign, **Trash to Treasure, Eco-Friendly Reusable Bag**.

As part of the #TrashToTreasure campaign, 7-Eleven sold two types of reusable eco-friendly bags in selected stores across Peninsular Malaysia. The target of the campaign was to create environmental awareness in Malaysian shoppers by educating them on the ecologically damaging impact of plastic waste. With hopes of encouraging them to take reusable bags when they go shopping and to help reduce the amount of single-use plastic bags that harm marine life.

There were two reusable bag variants released to address the conundrum of what to do further with all the plastic waste being generated. The "Out of the Ocean Bag" is constructed using 100% recycled ocean plastics whereby every bag removes the equivalent of three bottles from the oceans and waterways. On the other hand, the "Recycled PET Bottle Bag" is upcycled from 100% recycled PET bottles. With a maximum carrying capacity of 10kg! A portion on the sales of these bags has been donated to JTP and we would like to thank everyone at 7-Eleven Malaysia involved in making this possible.

General Manager of Juara Turtle Project, Tom Woodford, said, "We are really grateful to 7-Eleven Malaysia for stepping up and recognising that big companies need to help lead the way to changing how we use plastics. Plastic based marine debris is a massive problem for our marine life, including but not exclusive to the sea turtles that we work with here at JTP. We hope that this campaign will inspire people to change their behaviour and to make their own little contribution to protecting our ocean."





18<sup>th</sup> September 2021

## INTERNATIONAL COASTAL CLEANUP

On 18<sup>th</sup> September, Juara Turtle Project and friends took part in the International Coastal Cleanup (ICC) 2021. For this special day, we chose to venture a little further afield from our usual cleaning areas and instead hiked to a small uninhabited cover in Nayak Bay and cleaned the beach there.

The International Coastal Cleanup is a global volunteer effort to get rid of the pollution on the planet's beaches and oceans, which has been running for 35 years now. By using the Ocean Conservancy Clean Swell app, we record the material we collected on the beach. This data is then sent to Ocean Conservancy and will go into their yearly report, to show everyone just how much pollution is in our ocean. It will also help us to gain better understanding of the extent of marine debris and impacts of marine pollution, both locally and globally.

We want to say thank you to the members of our local community for taking part, as well as Reef Check Malaysia and Our Little Planet, for helping to make this event possible.

Always be mindful of keeping our precious environments clean, let's not leave it only for cleanup events to do the job. If you see trash, please pick it up and throw every trash in the bin and avoid littering.

**Be part of the solution, not part of the pollution!**

# BEACH CLEANUP



# WHAT WE HAVE FOUND

Thanks to everyone's hard work, this is what we achieved for [#ICC2021](#)



**3932**  
Plastic & Foam  
pieces



**12**  
Glass Bottles



**3700**  
Plastic Bottles



**11**  
Plastic Bags



**886**  
Other Trash



**6**  
Plastic & Foam  
Container



**462**  
Fishing gear



**9**  
Beverage  
Cans



**205**  
Plastic  
bottle caps



**4**  
Gloves &  
Masks



**64**  
Other  
packaging



**7**  
Lids



**40**  
Cigarette  
butts



**9**  
Utensils



**2**  
Balloons



**37**  
Tobacco  
packaging &  
lighters etc



**2**  
Toys



**13**  
Straws



**36**  
Personal  
hygiene



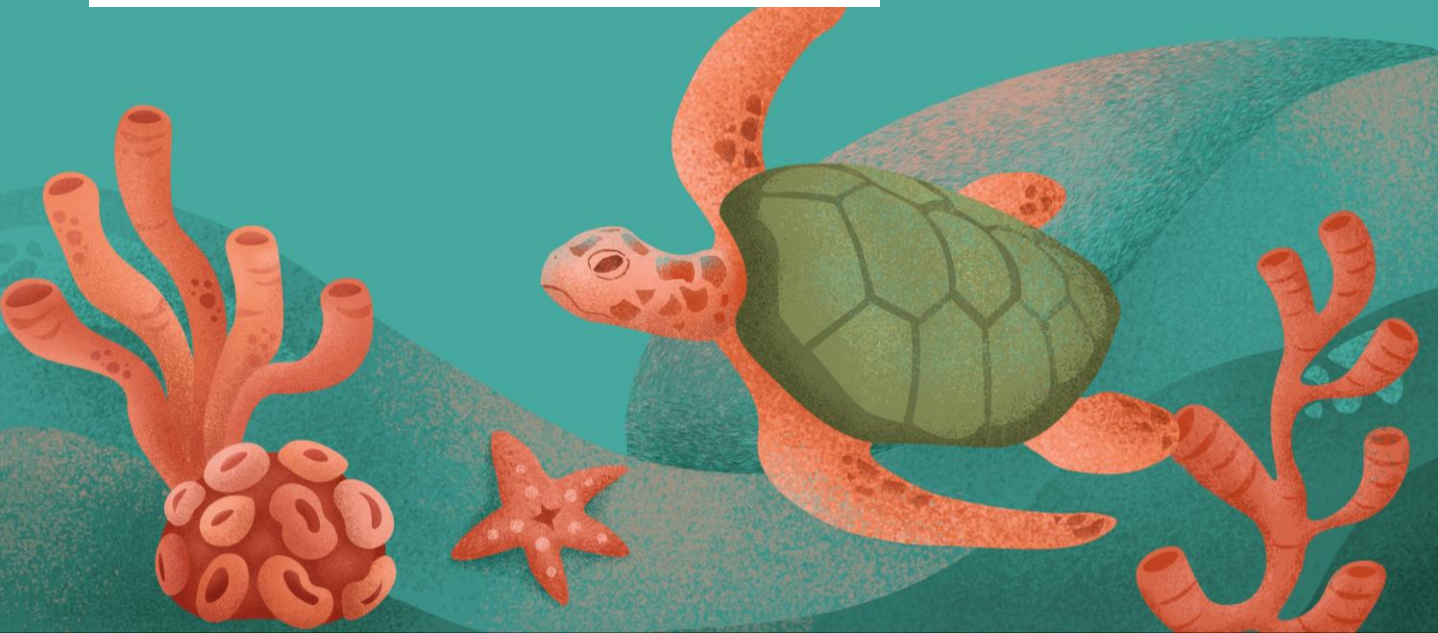
29<sup>th</sup> September 2021

We would like to share an interesting discovery that we made during a recent nest excavation- two twin green turtle babies in one egg. These twin hatchlings are a little small compared to the other hatchlings in the clutch. This is likely because they shared the same egg yolk sac, meaning they also shared the same space and nutrient supply making it difficult for both hatchlings to grow properly.

Twins are a natural occurrence in wildlife, but the probability for it to happen is low and it is quite a rare phenomenon among sea turtles. Twins can occur when a fertilised yolk sac splits into two separate embryos, or when two or more yolk sacs are fertilised by different sperms at the same time. In our case here, the twins seem to be two separate embryos sharing one yolk sac. Unfortunately, this little pair didn't fully develop and couldn't make it to sea with its other clutchmates. So, we've decided to preserve them and give them a home in our visitor's centre for educational purposes.

But that's not the end the story for these little guys! News of our discovery spread across the internet after our social media post went viral back in October. Getting coverage on IFL Science website, as well as other medias such as Republic Works, The Science Times and SEAMashable.

# TWINS TURTLE HATCH





## Donations

Due to the major disruptions caused by the COVID-19 pandemic it has been difficult year for the project financially. Over the course of 2021 many of you have helped by making donations to the project. 100% these donations have gone to covering our land rent for the project site, essential maintenance, utilities such as electricity and water, food and accommodation for our staff as well as salaries for our essential workers. If you would like to make a donation you can get in touch via email or visit our fundraising campaign page and donate at <https://give.asia/jtp>.

# WE NEED YOUR HELPING HAND

## Volunteering program

JTP is a people's project! Throughout the year, volunteers come in to support and contribute to the sustainability of the project. Volunteers will spend their time here getting involved with the conservation work we do. This may include daily beach patrols, assisting in the relocation of nests, helping with coral rehabilitation activities, taking part in beach cleanups, gardening, maintenance and construction projects, as well as sharing all your new found knowledge with tourists by giving tours and turtle talks in the visitor's centre and more.

## Nest Sponsorships

Sponsoring a nest is a great way to help support the project. The funds will go to cover the egg collection cost and paying the egg collectors. In return you will get a personalised nest sponsorship board which will live in the hatchery with your nest until hatches and then we'll send you photos from the release of your nest along with a certificate of your adoption

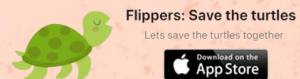
For more information on how to get involved visit our website or drop us an email at: [contact@juaraturtleproject.com](mailto:contact@juaraturtleproject.com)





# THANK YOU

We would like to say a big thank you to everyone who has donated to the project this year. Not only to the organisations, but also to the 175 individuals who made donations to our fundraising campaign! All of your contributions, no matter the size, are really appreciated and have ensured that JTP is able to continue working to preserve Tioman's wildlife. We are ever so grateful for the support and kindness you've shown us during this difficult time.







# KEEP IN TOUCH



[www.juaraturtleproject.com](http://www.juaraturtleproject.com)



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[contact@juaraturtleproject.com](mailto:contact@juaraturtleproject.com)

