

OLA! Ocean LitterAcy Project invites

# OLA! Ocean LitterAcy WORKSHOP

May 30th-31st & June 1st  
University of São Paulo (IEA USP)  
São Paulo, Brazil

Join us in this event that aims to create a space to promote a network with research groups, stakeholders and practitioners mainly from Brazil and UK who have experience in marine litter and clean-up (and/or citizen science) initiatives. We will be examining existing initiatives, discuss the perceived benefits and applications of these initiatives along with reservations that need to be overcome, and examine how clean-up and citizen science can act as a useful tool in understanding marine litter and encouraging behaviour change in society. We will also have a field trip to have hands-on experience with citizen science protocols. Based on the conclusions from this interactive workshop, we hope to then produce written guidance with the necessary steps needed to maximise the usefulness of marine litter citizen science projects for all involved (scientists, volunteers and practitioners).



Organização  
das Nações Unidas  
para a Educação,  
a Ciência e a Cultura



Cátedra UNESCO para Sustentabilidade dos Oceanos  
Universidade de São Paulo  
Estabelecida em 2018

# OLA! Ocean LitterAcy Project Team

## Dr Kayleigh Wyles

is an Environmental Psychology lecturer at the University of Surrey, UK. Her work has been looking at the impact marine litter has on individuals (e.g. the impact it has on people's health and wellbeing) and the impact we have on this global problem (e.g. the role human behaviour plays and the main factors that drive each behaviour). Her recent work has examined the impact of participating in clean-up initiatives on the volunteers.

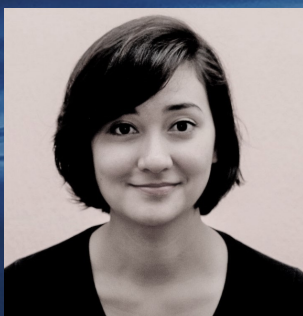


## Dr Alexander Turra

Professor at the Oceanographic Institute of São Paulo University and holder of the UNESCO Chair on Ocean Sustainability. My scientific work cover a range of different areas of marine science including governance, management and conservation, marine spatial planning, environmental impact assessment, climate change, marine litter and ecology. My research interests also include investigations into the links between science and public policy and the monitoring of environmental quality.

## Dr Natalia Pirani Ghilardi-Lopes

is a biologist with a PhD in marine ecology from the University of São Paulo (USP). Nowadays, she is an Associate Professor at Federal University of ABC (UFABC - São Paulo State, Brazil). Her main research interests are related to the development and evaluation of: 1) marine and coastal environmental education activities and 2) citizen science protocols. Also, she develops studies on the ecology of rocky shore benthic communities.



## Larissa de Araújo Kawabe (MSc)

is a biologist and PhD student in Evolution and Diversity at Federal University of ABC (UFABC, Brazil). Her main research interests are focused on the development and evaluation of citizen science protocols for monitoring coastal and marine environments, environmental education and its social impact, and on the use and evaluation of information and communication technologies as a support tool for educational and scientific purposes.

# OLA! WORKSHOP PROGRAMME

## Day 1

### Day 1: May 30th - Current Initiatives in Brazil

This day will focus on hearing about some examples of the work already being done in Brazil.

8:00 - 9:00	Registration	IEA USP
9:00 - 9:20	Welcome / overview Prof. A. Turra, Prof N. Ghilardi-Lopes, Dr K. Wyles	Sala Alfredo Bosi, IEA USP
9:00 - 9:45	Marine litter - why is it important? Prof. A. Turra	Sala Alfredo Bosi, IEA USP
9:45 - 10:00	Coffee break	IEA USP
10:00 - 12:00	Example Initiatives in Brazil - Pt. 1 H. Gallo Neto (BSc), C. Schio (MSc), Ms. N.Z. Goettlicher, E. S. Menck (BSc)	Sala Alfredo Bosi, IEA USP
12:00 - 13:30	Lunch	Espaço Brasiliana Restaurant
13:30 - 15:00	Example Initiatives in Brazil - Pt 2 G. P. Olivatto (MSc), W. R. Schepis (BSc), Dr. S. S. O. Pszczol	Sala Alfredo Bosi, IEA USP
15:00 - 15:15	Coffee break	IEA USP
15:15 - 17:30	Break-out discussions	SIBI USP Auditório and Sala Alfredo Bosi, IEA, USP
17:30 - 18:00	Summary and close for the day	Sala Alfredo Bosi, IEA USP
18:00 - 20:00	Networking dinner (optional)	IEA USP

# OLA! WORKSHOP PROGRAMME

## Day 2

Day 2: May 31st - The usefulness and application of citizen science

8:00 - 8:30	<b>Welcome / overview</b> Prof. A. Turra	<b>Sala Alfredo Bosi, IEA USP</b>
8:30 - 9:00	<b>What is Citizen Science and how can it be applied?</b> Prof N. Ghilardi-Lopes	<b>Sala Alfredo Bosi, IEA USP</b>
9:00 - 10:45	<b>Examples of citizen science initiatives</b> D. Honorato-Zimmer (BSc); Mrs L. Eyles; Dr K. Wyles	<b>Sala Alfredo Bosi, IEA USP</b>
10:45 - 11:00	<b>Coffee break</b>	<b>IEA USP</b>
11:00 - 12:00	<b>Break out discussions</b>	<b>Auditório, Sala de reuniões and Sala Alfredo Bosi, IEA USP</b>
12:00 - 13:30	<b>Lunch</b>	<b>Espaço Brasileira Restaurant</b>
13:30 - 15:30	<b>Break out discussions</b>	<b>Auditório, Sala de reuniões and Sala Alfredo Bosi, IEA USP</b>
15:30 - 15:45	<b>Coffee break</b>	<b>IEA USP</b>
15:45 - 17:00	<b>Plenary discussion and summarise</b>	<b>Sala Alfredo Bosi, IEA USP</b>
17:00 - 18:00	<b>Closing</b>	<b>Sala Alfredo Bosi, IEA USP</b>
18:00 - 20:00	<b>Networking dinner (optional)</b>	<b>IEA USP</b>

# **OLA! WORKSHOP PROGRAMME Day 3**

**Day 3: June 1st - Hands on experience with citizen science**

<b>6:30 - 8:30</b>	<b>Travel to beach</b> (Bus departs from Golden Tower Hotel and IEA USP)*	<b>São Paulo, SP</b>
<b>8:30 - 11:00</b>	<b>Beach clean: application of a citizen science protocol</b>	<b>José Menino Beach, Santos, SP</b>
<b>11:00 - 15:00</b>	<b>Lunch / conclude the workshop</b>	<b>To be confirmed</b>

**You can find our field trip itinerary in:  
<https://goo.gl/maps/VRKLweuVqkiPSC779>**

**\*Travel to beach:**

**Bus departs from Golden Tower Hotel to IEA USP at 6:30**

**Bus departs from IEA USP to José Menino Beach at 6:45**

## **Good things to bring:**

**Sunhat**

**Sunglasses**

**Sunscreen**

**Insect repellent**

**Bottled water**

## **Good to wear:**

**Comfortable and wettable clothes and  
closed-toed shoes**

**(in case there are sharp objects on the  
beach)**

## PLACES, ADDRESSES & ROUTES

You can find a list with key places to your stay during the workshop in:

**Google Maps list:**

<https://goo.gl/maps/4o3FoaExrB87iAtCA>

and

**My Maps:**

<https://bit.ly/2Ey7bdO>

### Workshop reception:

**IEA USP - Institute of Advanced Studies of University of São Paulo**

Rua da Praça do Relógio, 109, térreo, Cidade Universitária, 05508-050, São Paulo, SP  
+55 11 3091-3922 / +55 11 3091-3924

<http://www.iea.usp.br/en/iea/location-1>



### Golden Tower Hotel

Rua Deputado Lacerda Franco, 148 - Pinheiros, São Paulo - SP - Brasil  
+55 11 3094 2200 / + 55 11 96409 2462  
<https://www.goldentowerhotel.com.br/en/>

### Restaurante do Espaço Brasiliana (Espaço Brasiliana Restaurant)

Rua da Biblioteca 21, Espaço Brasiliana, Cidade Universitária, São Paulo, SP

### Terminal 3 - Aeroporto Internacional de Guarulhos (Guarulhos (GRU) Airport - Terminal 3 - International flights)

Rodovia Hélio Smidt, s/nº – Cumbica – Guarulhos – São Paulo, SP, Brasil

**Terminal 3 Airport map:** <https://www.gru.com.br/en/passenger/discover-gru/airport-maps/terminal-3>

### Aeroporto de Congonhas (Congonhas (CGH) Airport - National flights)

Av. Washington Luiz, s/nº – São Paulo, SP, Brasil

**How to get there:** <http://www.aeroportocongonhas.net/en/how-to-get-in-congonhas-airport>

### Underground (Metrô de São Paulo) - travel planning, map, São Paulo attractions

<http://www.metro.sp.gov.br/en/your-trip/index.aspx>

## HOW TO GET...

We will have a bus making a round trip between Golden Tower Hotel and IEA USP\*:

**MSTur Bus - May 30th and 31st:**

**Bus departs from the hotel to IEA USP at 7:30**

**Bus departs from IEA USP to the hotel at 20:15**

\*Limited service. If you won't stay at the hotel but have interest in use this service, please contact Larissa until 28.05.19.

### **1. From Guarulhos (GRU) Airport to Golden Tower Hotel**

- **Bus:** Take Route (3) and then, Route (2) [cash only]

### **2. From Congonhas (CGH) Airport to Golden Tower Hotel**

- **Bus** 576M-10 Vl. Clara - Pinheiros

**Route:** <https://goo.gl/maps/TVSnkQSo4BhYMy869>

### **3. From GRU Airport to CGH Airport**

- **Bus (from Terminal 3):**

258 Airport Bus Service (blue/red-colored bus)

**Route:** <https://goo.gl/maps/LekH9ynSUzaU2W3dA>

- **Bus (for GOL Airlines passengers only):**

There are free buses from Terminal 2. You can find more details in:

<https://www.voegol.com.br/pt>

### **4. Tietê Bus Station (Rodoviária Tietê) to Golden Tower Hotel**

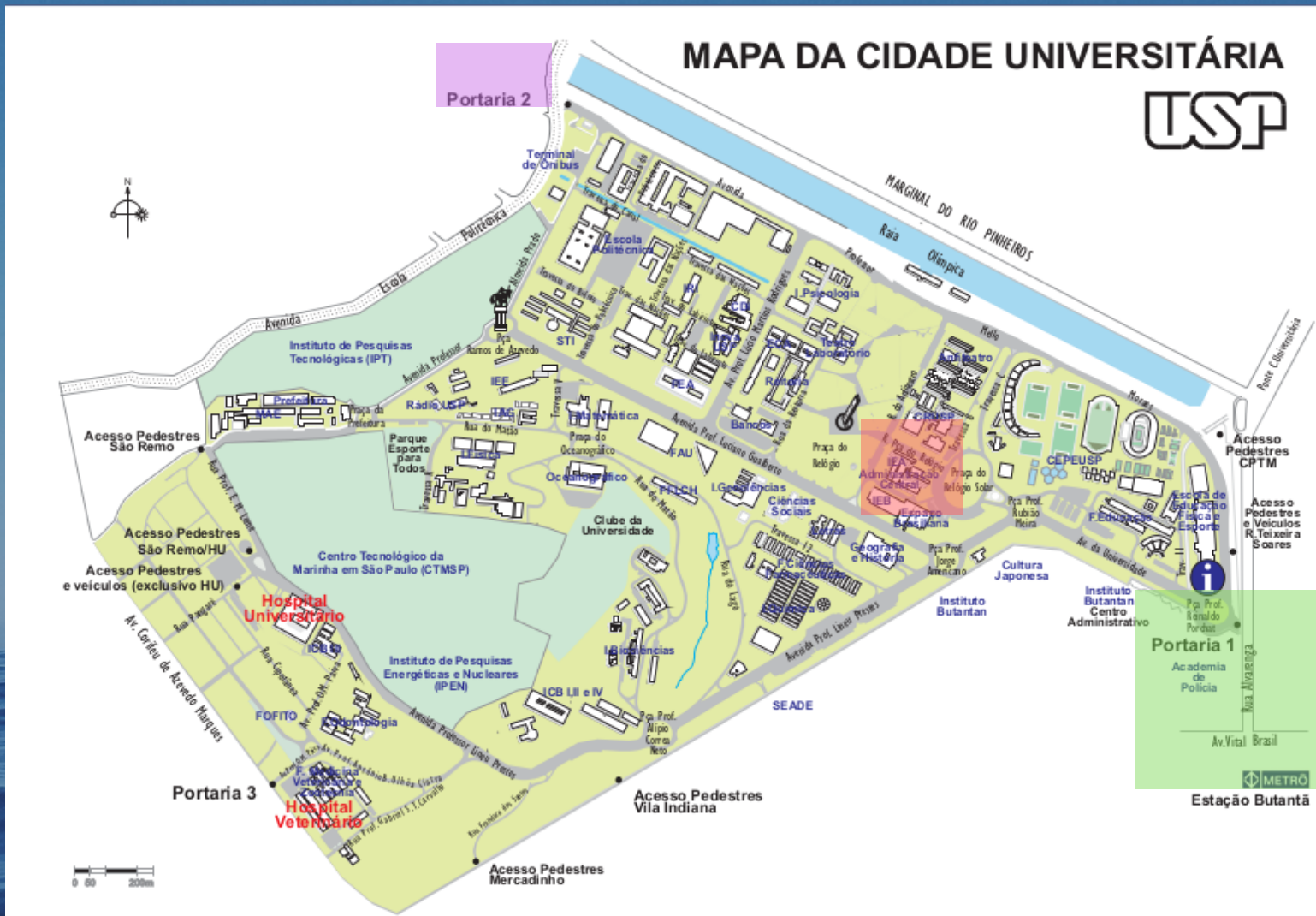
- **Underground (Metrô):** Take Line 1 Blue to Luz Station. Then, access Line 4 Yellow to Faria Lima Station. The distance between Faria Lima station and the hotel is 650 m (8 min by walk).

**Route:** <https://goo.gl/maps/smGSb3HQqpmT8hCf7>

**And you can easily find taxis near to all of the places above.**

# MAPS

## USP - University of São Paulo campus



- IEA USP and Espaço Brasiliana Restaurant
- Entrance on May 31th only (do not use this entrance on May 30th)
- Entrance on May 30th and 31st



## MAPS

### Key places near USP and Golden Tower Hotel



IEA USP - Instituto de Estudos Avançados da Universidade de São Paulo



Espaço Brasiliana Restaurant (Biblioteca Brasiliana Guita e José Mindlin)



Golden Tower São Paulo Hotel



Congonhas (CGH) Airport (Aeroporto de São Paulo/Congonhas)



Guarulhos (GRU) Airport - Terminal 3 (Terminal 3 - Aeroporto Internacional - Guarulhos / São Paulo)



Tietê Bus Station (Terminal Rodoviário Tietê)



Butantã Underground Station (Metrô Butantã)



Fradique Coutinho Underground Station (Estação Fradique Coutinho)



Faria Lima Underground Station (Estação Faria Lima - Metrô)



Cidade Universitária Train Station



Supermarket (Mini Mercado Extra)



Supermarket (Pão de Açúcar)



Supermarket (Supermercado Dia)



Drug Store (Drogasil)



Bakery (Padaria Sensação)



Police Station (14º Distrito Policial - Pinheiros)

You can find this map in:

My Maps:

<https://bit.ly/2Ey7bdO>

# MAPS

## Key places



IEA USP - Instituto de Estudos Avançados da Universidade de São Paulo



Espaço Brasiliana Restaurant (Biblioteca Brasiliana Guita e José Mindlin)



Golden Tower São Paulo Hotel



Congonhas (CGH) Airport (Aeroporto de São Paulo/Congonhas)



Guarulhos (GRU) Airport - Terminal 3 (Terminal 3 - Aeroporto Internacional - Guarulhos / São Paulo)



Tietê Bus Station (Terminal Rodoviário Tietê)



Butantã Underground Station (Metrô Butantã)



Fradique Coutinho Underground Station (Estação)

## CONTACTS

If you need any tips, help or support regarding the  
OLA! Workshop, you can always contact us:

Larissa Kawabe (logistical & programme issues):  
larissakawabe@gmail.com / larissa.kawabe@ufabc.edu.br

Dr. Natalia P. Ghilardi-Lopes (logistical & programme issues):  
natalia.lopes@ufabc.edu.br

Dr. Alexander Turra (logistical & programme issues):  
turra@usp.br

Dr. Kayleigh Wyles (programme issues):  
k.wyles@surrey.ac.uk

## EMERGENCY NUMBERS

In São Paulo, you can use the following numbers  
it is free for everyone - including foreigners):

**FIRE BRIGADE:**

**193**

**POLICE:**

**190**

**SAMU**

**(Ambulance - Public Emergency Medical Service):**

**192**

# OLA! Ocean LitterAcy Workshop

## DELEGATES

Alessandra Bizerra - USP, Brazil  
Alexander Turra - USP, Brazil  
Allan Krelling - IFPR, Brazil  
Ana Luzia de Figueiredo Lacerda - FURG, Brazil  
Barbara Franz - Associação Brasileira de Combate ao Lixo no Mar, Brazil  
Barbara Lage Ignacio - UNIFESP, Brazil  
Berenice Maria Gomes da Silva - Fundação Pro-Tamar, Brazil  
Caroline Schio - Instituto Monitoramento Mirim Costeiro, Brazil  
Claudia Condé Lamparelli - CETESB, Brazil  
Daniela José Honorato-Zimmer - Universidad Católica del Norte, Chile  
Elisa van Sluys Menck - USP and Instituto Costa Brasilis, Brazil  
Flávia Cabral Pereira - USP, Brazil  
Glaucia Peregrina Olivatto - ROUTE Brasil  
Hugo Gallo Neto - Aquário de Ubatuba and Instituto Argonauta, Brazil  
Isabela Ribeiro Borges Carvalho - USP, Brazil  
João Malavolta - EcoSurf, Brazil  
Kayleigh Wyles - University of Surrey, UK  
Larissa de Araújo Kawabe - UFABC, Brazil  
Leandra Regina Gonçalves - USP, Brazil  
Elizabeth Gabe-Thomas - Plymouth Marine Lab, UK  
Lucas Barbosa - USP, Brazil  
Luciana Yokoyama Xavier - USP, Brazil  
Maila Paisano Guilhon e Sá - USP, Brazil  
Maira Carneiro Proietti - FURG, Brazil  
Maria Fernanda Romanelli Alegre - Secretariat for the Environment of São Paulo State, Brazil  
Maria Teresa Castilho Mansor - Secretariat for the Environment of São Paulo State, Brazil  
Marilia Nagata Ragagnin - USP, Brazil  
Marina Alegre de Freitas - Secretariat of Infrastructure and Environment of the State of São Paulo, Brazil  
Melanie Vianna Alencar - USP, Brazil  
Monica Ferreira da Costa - UFPE, Brazil  
Natalia de Miranda Grilli - Instituto Costa Brasilis, Brazil  
Natalia Pirani Ghilardi-Lopes - UFABC, Brazil  
Natalia Zafra Goettlicher - Mundo SEM Bitucas, Brazil  
Paula Kasten - UNIFESP Santos, Brazil  
Rita Zanetti - Secretariat of Infrastructure and Environment of the State of São Paulo, Brazil  
Ronaldo Adriano Christofolletti - UNIFESP Santos, Brazil  
Simone Siag Oigman Psczcol - BrBio, Brazil  
Suzana Ursi - USP, Brazil  
Sylmara Lopes Francelino Gonçalves Dias - USP, Brazil  
Tássia Oliveira Biazon - UNICAMP, Brazil  
Teresa Gouveia - Projeto Coral Vivo, Brazil  
Thais Fonseca Rech - USP, Brazil  
Vitoria Milanez Scrich - USP, Brazil  
William Rodriguez Schepis - Instituto EcoFaxina, Brazil  
Zenith Nara Costa Delabrida - UFS, Brazil

Thank you very much for confirming your attendance to our Ocean LitterAcy (OLA) Initiatives Workshop that will take place on 30th - 31st May 2019 (with an optional field excursion on 1st June) in São Paulo, Brazil.

Prior to this event, do you know of any existing initiatives that use volunteers (e.g. volunteer groups, school groups etc.) who help remove litter from the natural environment and/or to collect scientific data on the litter (including macro and micro plastics)? If so, may you complete this short survey so that we can adapt the workshop around your experiences?

[https://surreyfahs.eu.qualtrics.com/jfe/form/SV\\_bq3dvjEWsJTaly5](https://surreyfahs.eu.qualtrics.com/jfe/form/SV_bq3dvjEWsJTaly5)

Thank you!

From **OLA! Ocean LitterAcy Project**

Dr Kayleigh Wyles,

Dr Alexander Turra,

Dr Natalia Ghilardi-Lopes &

Larissa Kawabe (MSc.)