

EAI WORKSHOP

**Life in the Sub-Surface: Habitats, Species,
Metabolism and Survival Strategies**
Angra do Heroísmo, Azores, Portugal
25 – 27 October 2023



Information Handbook



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Scientific programme

Tuesday, 24 October, 2023	
14:00 - 18:30	Registration of participants at Terceira Mar Hotel
20:00	Event at Centro Cultural: "Caves In The Skies"
Wednesday, 25 October 2023	
08:15 – 08:45	Registration and Breakfast at Terceira Mar Hotel
09:00 - 09:15	Introduction and logistics <i>Maria de Lurdes Nunes Enes Dapkevičius, University of the Azores, Portugal</i> <i>Wolf Geppert, Stockholm University, Sweden</i>
09:15 – 09:55	Potential planetary subsurface habitats: A geological perspective <i>Ernst Hauber, German Aerospace Centre, DE</i>
09:55 – 10:05	Discussion
10:05 – 10:25	Geomicrobiology of the deep Iberian Pyrite Belt deep subsurface <i>Ricardo Amils, Centro de Astrobiología, ES</i>
10:25 - 10:30	Discussion
10:30 – 11:00	Coffee break
11:00 - 11:20	Geochemical and Metabolomic study of few Yellowstone spring systems over a range of pH <i>David Boulesteix, University Paris-Saclay, FR</i>
11:20 – 11:35	Discussion
11:35 – 11:55	Biopolymers in Serpentinization-Associated Hydrothermal Vent Chimneys as Potential Biosignatures for the Detection of Extraterrestrial Life <i>Sarah Gonzales Henao, University of Michigan, US</i>
11:55 – 12:00	Discussion
12:00 - 14:00	Lunch break
14:00 - 14:40	Fracture mineral infillings as archives for deep ancient microbial activity <i>Henrik Drake, Linnaeus University, SE</i>
14:40 - 14:50	Discussion
14:50 - 15:30	Caves as peculiar underground habitats for microbes <i>Alexandra Hillebrand-Voiculescu, Emil Racoviță Institute of Speleology, RO</i>
15:30 - 15:40	Discussion
15:40 - 16:15	Coffee Break
16:15 – 16:55	A Guide for Life Detection Derived from Serpentinizing Systems of the Samail Ophiolite in Oman <i>Alta Howells, NASA Ames Research Centre, US</i>
16:35 - 17:00	Discussion
16:40 – 17:00	Microbes that Masquerade as Minerals in Caves: Implications for Identifying Life on Extraterrestrial Bodies <i>Diana Northup, University of New Mexico, US</i>
17:00 - 17:05	Discussion
17:05 - 17:25	Exploring Cave Analog Sites: A Study of Azorean Lava Tube Systems as a Promising New Environment for Astrobiology and Astrogeology <i>Ana Pires, Polytechnic of Porto, PT</i>
17:25 - 17:30	Discussion

17:30 - 17:50	Microbial communities in Icelandic and Azorean lava tubes and the speleothem biosignatures they perpetrate <i>Nina Kopacz, Utrecht University, NL</i>
17:50 - 17:55	Discussion
Thursday, 26 October 2023	
09:00 - 09:20	Survival in extreme environments through cross-domain cooperation: Is quorum sensing essential to bacterial-fungal interactions in lava caves and beyond? <i>Rebecca Prescott, University of Hawai'i, US</i>
09:20 - 09:25	Discussion
09:25 - 09:45	Cyanobacteria living in dim far-red light as tools for astrobiological researches <i>Elisabetta Liistro, University of Padova, IT</i>
09:45 - 09:50	Discussion
09:50 - 10:10	Can cold-adapted microorganism from Earth contaminate the icy surface of moons? <i>Petra Rettberg, German Aerospace Centre, DE</i>
10:10 - 10:15	Discussion
10:15 - 10:35	Could viruses adapt to the extreme environments of high temperature exoplanets? <i>Ismael Román Moreno, Centro de Astrobiología, ES</i>
10:35 - 10:40	Discussion
10:40 - 11:15	Coffee break
11:15 - 11:35	An overview of the Jupiter system exploration: from NASA Galileo to ESA JUICE missions <i>Francesco Biagiotti, INAF, Italy</i>
11:35 - 11:40	Discussion
11:40 - 12:00	Juno/JIRAM and the Galilean Moons: the Possible Habitability of their Subsurface Oceans <i>Elisa di Mico, INAF, Italy</i>
12:00 - 12:05	Discussion
12:05 - 14:00	Lunch break
14:00 - 14:40	Life in the subsurface of Mars – the fossil aspect <i>Frances Westall, CNRS, France</i>
14:40 - 14:50	Discussion
14:50 - 15:10	Windows' into Mars' potentially habitable subsurface in the context of NASA's Perseverance extended mission <i>Adomas Valantinas, Brown University, US</i>
15:10 - 15:15	Discussion
15:45 - 16:05	Constraining the Rosalind Franklin Rover/Ma_MISS instrument capability in the detection of organics <i>Marco Ferrari, INAF, IT</i>
16:05 - 16:10	Discussion
16:10 - 16:40	Coffee break
16:40 - 17:00	Exploring the Possibility of Extraterrestrial Subsurface Life and Detection: Insights from a Workshop on Vulcano Island, Sicily <i>Nina Gruber, University of Vienna, AT</i>

17:00 – 17:05	Discussion
17:05 – 18:00	Open Discussion: Important Questions and future research directions in the field of subsurface life
18:00	Walk to Museum of Volcanospeleology
18:30	Caves in the Skies, Bridging the gap between Speleology and Astrobiology <i>Erica Bisesi, INAF, IT</i> <i>Michele Maris, INAF, IT</i>
19:15	Reception at Museum of Volcanospeleology

Friday, 27 October 2023	
09:00 - 09:20	The volcanic caves from Azores: geo and biodiversity patterns <i>Paulo A. V. Borges, University of the Azores, PT</i>
09:20 - 09:25	Discussion
09:25 - 09:45	Microbial life in sub-surface field sites on the Azores <i>Lurdes Dapkevičius, University of the Azores, PT</i>
09:45 - 09:50	Discussion
09:50 - 10:10	Exploring Azorean lava caves as refuges for biodiversity and nature conservation <i>Rosalina Gabriel, University of the Azores, PT</i>
10:10 – 10:15	Discussion
10:15 – 10:35	Protection of lava caves on the Azores <i>Paulino Costa, University of the Azores, PT</i>
10:35 – 10:40	Discussion
10:45 - 22:00	Excursion to sites: Furnas do Enxofre, Algar do Carvão, Gruta do Natal, Dinner at traditional Azorean restaurant

Workshop attendee list

Last Name	First Name	email	Affiliation
Aldaba	Andrea	andreaaldaba14@gmail.com	
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Valantinas	Adomas	adomas.valantinas@unibe.ch	Brown University

Practical information

Access to the Workshop & Accommodation

For accommodation during the workshop, please check out the Venue & Access) page of the workshop's web site at <http://www.europeanastrobiology.eu> for information.

Hotel Accommodation is at:

Hotel Terceira Mar*****

Portões de São Pedro n.º 1,
P- 9700-097 Angra do Heroísmo
Portugal
Telephone: +351 295 402 280
Fax: +351 295 402 288/9
Email: terceiramarhotel@bensaude.pt
Web: <http://www.bensaude.pt/terceiramarhotel/en/>

Hotel Monte Brasil***

Alto das Covas, 8/10,
9700-220 Angra do Heroísmo,
Açores, Portugal
Phone: +351 295 212 440
email: res.montebrasil@hotmail.com

Hostel Accommodation is at:

Azores Mid.Atlantic Hostel

Rua Baixinha, 6,
P-9700-022 Angra do Heroísmo
Phone +351 926 654 037
Email: hello@MidAtlanticHostel.com
Web: <https://midatlantichostel.com/>

Allergies

The Azores have a very rich vegetation and during the workshop many plants will be in bloom. Since the school takes place at the end of the dry season, the pollen count should still be low. If you suffer from allergies, please talk to a specialist and inform the course organisers (the Azores and Canary Island flora, the so-called Macaronesian flora is peculiar).

Banks

There are several banks and savings banks in Angra. There is a branch of Caixa Económica da Misericórdia de Angra do Heroísmo at Rua Sé 13. Banks usually open Mon - Fri 08:30 - 15:30. Also cash machines can be found on the Rua Sé (main road of Angra do Heroísmo).

Climate

The climate in the Azores is one of the most balanced in the world. In October, however, stormy and rainy days are possible. So do not expect the Canary Islands! The famous high-pressure area above the Azores (sometimes not exactly above the islands) does not always guarantee fine weather, orogenic clouds and afternoon showers are common. Long rain periods are rare, but an intense shower can get you wet through. The Atlantic has a cooling influence, so very hot days are rare. In October, the average temperature on Terceira reaches up to a high of 22°C (that's about 71°F) during the day and dips no lower than 17°C (about 62°F) in the evenings. During this month, the average monthly rainy around 99 mm and there are about 5.5 hours of average daily sunshine. Bring your umbrella and a light raincoat in case of occasional showers that can be quite heavy. The weather can be changeable, so something that can be packed away quickly is a good idea.

Sea water temperatures are about 18 degrees centigrade. Bathing should only be done at approved beaches or seawater pools. Currents can be dangerous! Sometimes, blooms of jelly fish occur, and their sting can be painful. We recommend swimming only in surveyed swimming areas. In those areas, a colour coded flag indicates the sea state, and another flag

will indicate the presence of jelly fish blooms. Please respect these flags and abstain from swimming if the red warning/and or jelly fish alert flags are on.

Clothing & Equipment

Please make sure that you have the following items with you:

- Good shoes (no flip-flops, high heels and similar things).
- Sturdy trousers and shirt with sleeves.
- Sunhat and sunglasses.
- Strong sunscreen.
- Umbrella and/or light raincoat (Usually the weather is fine in August, but there might be the odd short, but intense, afternoon shower).
- Water bottle
- Tablets against motion sickness (if you get it easily). Roads at Terceira can be curvy in places.

Furthermore, since there is an indoor and outdoor pool at the Hotel Terceira Mar, it is wise to bring some bathing clothes and a bath towel. Surely, no dress code exists at the workshop, but you might want to dress a bit smarter at the Farewell dinner. This is no requirement though. Azoreans, however, tend to dress smartly in public.

Criminality and nuisances

Generally Angra is a very safe place. On the island of Corvo the prison cell was once hired out to backpackers due to lack of criminals. Nevertheless, it is not wise to leave your property unattended on the island. Fortunately, annoying time-sharing salesmen and street peddlers, which can be a nuisance on Madeira, are fairly uncommon in Terceira. Occasional rip-offs by taxi drivers have been reported though.

Customs

EU rules are applying for customs. Generally, it is not wise to bring tobacco or liquor to the Azores since they tend to be cheaper than in most places. Do not buy any scrimshaw (artefacts from whale bones) on the Azores, import of such material is illegal in many countries.

Do's and don'ts

In general, Azorean people (especially those of the older generation) tend to be a bit more formal than other Europeans. Several special things are worthwhile to remember:

Do's:

- Always treat older people respectfully. Relinquish your seat immediately for older persons in public transport vehicles.
- Accept a more relaxed attitude towards time.
- Expect red tape to take some time. This includes visa applications.
- Accept hierarchies.
- Carry some change with you for using the bathrooms.
- Be modest in your conversations.
- Tip generously for *good* service. Wages of personnel are not that high.

Don'ts:

- Expect everything to run like a Swiss clockwork. Azoreans love improvising.
- Address people in Spanish. The times of Spanish rule were not prosperous and happy for the Azores.
- Use a lot of gestures when talking. This is uncommon on the Azores.
- Wear swimwear outside beach or pool areas (especially not in high streets). Walking down Rua da Sé in bikini or bathing shorts or bikinis will be considered very "touristy".
- Wear shorts in restaurants.
- Complain about people smoking in your presence (unless you have strong medical reasons to do so).
- Wear light clothes or bathing clothes in churches. Also, dirty T-shirts, shorts and flip-flops in city centres will mark you as an unsophisticated tourist.
- Start conversations about family issues. One does not discuss those with strangers on the Azores.
- Do not address people with forenames until being asked to do so or someone presents himself with her/his forenames only. Women are addressed with "Senhora" and the surnames, men with "Senhor" and the surname. People with academic titles are addressed with them. Young people, as everywhere, are much more relaxed concerning this issue.
- Yawn, stretch or blow your nose in public (especially the latter is considered rude).
- Be impatient.

Driving in Terceira

Road hogs and Sunday drivers are luckily absent, but driving in the Azores can be challenging. Roads are curvy, streets in villages often narrow and road rules sometimes not adhered to well. Visitors riding or driving in Portugal must have reached the minimum ages laid down for residents of Portugal even if they are qualified to drive at a lower age in their country of residence. Driving licenses issued in EU and EEA countries are accepted. International driving permits are recognised but not required. Overall, Portuguese road rules apply. Speed limits outside built-up areas are 120 km/h on dual carriageway motorways, and 90 km/h at ordinary roads. Inside built-up areas limit is 50 km/h.

DO NOT drink any alcohol before and during driving. The legal limit of alcohol in the blood is 0.05 % and drink-driving is punished by heavy fines, confiscation of license and/or imprisonment. All passengers must wear seat belts and children under 12 years of age are not allowed to sit in the front. Carry a photo ID with you when driving. If you rent a car, you usually have to have had your license for 1 year. There can be a surcharge for people under the age of 25.

Electricity

Portugal uses 220 Volts AC, 50 Hz frequency (like continental Europe). Also plugs are continental safety plugs (like those used in France and Germany). Never attempt to connect any electrical device not explicitly specified by the manufacturers for 220 V AC to Portuguese sockets! Sometimes sockets lack the security grounding, so please be careful with electrical devices! In case you need an adapter, it is better to bring one (they might be expensive or out of stock on the Azores).

Emergency

The emergency phone number throughout the EU is **112**. Please note that you might have to dial an extra number before if you call from your hotel room.

Food

The cuisine is very special and in some ways different from the mainland Portuguese one. Not, surprisingly, fish is an important ingredient in the diet, beef is widely eaten, chicken is also popular. Generally, food and especially seafood is of high quality. The Azores are also the only place in Europe where tea and pineapples are grown (the latter ones in conservatories though).

Some typical Azorean dishes are:

- Caldo verde (Cabbage soup)
- Alcatra (beef stew with onions, bacon, spices and wine)
- Caldeirada de Peixe (fish stew)
- Linguiça con inhames (pork sausage with yams)
- Lapas (limpets)
- Arroz doce (rice pudding)

In restaurants often a small plate with cheese, olives and bread (couvert) is served (which has to be paid for). On can (apart from luxury restaurants) decline that. This is not a good idea since they usually are very tasty.

The traditional Vinho de Cheiro is forbidden outside the Azores due to its methanol content. Some good white and red Azorean wines exist, especially recommendable is the wine from the cellar "Brum" in Biscoitos on the Island of Terceira. There is a local brewery "Melo Abreu" producing a light "Especial" and a dark beer. Imported wines and beers from the mainland are common.

One last thing: Unlike hipster bars in New York, Azorean restaurant are not used to excessive dietary requirements. The Azores have been a very poor region (with several times of famine) so also understanding for extremely picky eaters is fairly low. Also restaurant staff does often not speak very good English.

Health issues

For European visitors who fall ill or have an accident, free or reduced-cost treatment is available in most cases on production of a valid European Health Insurance Card (EHIC). The EHIC gives access to state-provided medical treatment only. Note that the EHIC replaces the Form E111, which is no longer valid.

Drinking tap water is generally safe. However, you might encounter bacteria your immune system is not used to, which can lead to milder stomach ailments. Very sensitive people might therefore prefer drinking bottled water.

Please note: Some medication which is sold over the counter in other countries might require a prescription or even be

illegal. The former includes contraceptives! If you are required to take some drugs with you, bring a written confirmation of your doctor and take the red line at the customs (to avoid problems).

Internet

The hotel offers free wireless internet connection in the conference room. Internet connections generally can be slow due to the remote location of the islands. Sometimes they only work in the lobby.

Lecture rooms

Lectures are held in the Centro Cultural e de Congressos in Angra
Canada Nova, no number
Angra de Heroísmo
Portugal

The lectures are in the room Workshop 1 on the first floor (up one floor from the ground floor).

The opening of the exhibition will be at
Museu Vulcanoespeleológico
Web: www.montanheiros.com
Rua Da Rocha 8
Angra Do Heroísmo
Portugal
Email: +351 295 212 992

Language

There are strong local dialects at the Azores that can be difficult even for Portuguese mainlanders and Brazilians. The command of English varies: Some people are very fluent (former emigrants to America speak good English and have even strong Boston or Toronto accents. You will find it easy to pick up some important basic phrases. Sometimes tourists slip off into Spanish, something that is not appreciated.

Laundry facilities

There are laundry facilities at the Azores Mid-Atlantic Hostel. Also, there is a new self-service laundry in Rua de S. Pedro, close to the roundabout that leads to Terceira Mar, as well. Furthermore, there is a reasonably priced laundry "Angraseco" at Rua do Rego 33.

Also, there is a new self-service laundry in Rua de S. Pedro 266/268, "La Wash" close to the roundabout that leads to Terceira Mar, as well. Furthermore, there is a reasonably priced laundry "Angraseco" at Rua do Rego 33. Also, the hotels offers a laundry service which might be expensive though.

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Meals

Breakfasts are served at Hotel **Terceira Mar for the participants staying there**. For the people at the mid-Atlantic Hostel we will provide groceries. During lecturing days, lunches are served in a restaurant close to the Centro Cultural e de Congressos. For dinners and lunches during excursion days check the programme.

On the arrival day (11 October) there will be a buffet dinner from 19:30 till 22:00 at the Monte Brasil Restaurant at Terceira Mar Hotel.

Medical help

In case of emergency, call 112 (general emergency). There is a Hospital (Hospital de Santo Espírito da Ilha Terceira) in Angra. It is situated on the ring road, Canada do Briado, 9700-049 Angra do Heroísmo, Portugal, phone +351 295 403 200.

European residents who are covered by a social security scheme in their country of residence are entitled to a European Health Insurance Card (EHIC). The card simplifies the procedure when receiving unforeseen medical assistance during their visit to a member state. It should be carried when travelling within the European Economic Area, (i.e. the European Union, Norway, Iceland and Liechtenstein) and Switzerland. The EHIC entitles the holder to the same treatment at the same cost as a national of that country. Presentation of the EHIC guarantees reimbursement of the medical costs on the spot, or soon after returning home. The card is only valid for state provided services and not private hospitals or treatments. Please obtain your EHIC card in good time before the workshop. In case you have to pay, keep a receipt for refund.

Attendees from non-EU countries who are not EU residents are **STRONGLY** advised to get an adequate travel insurance. Otherwise, illnesses and injuries can get very expensive.

Money

Portugal has the Euro since 2002. Also Euro coins from other countries are valid (there is a special set of coins for every country but is only one kind of bills in the Eurozone). Cash machines (ATMs) are frequent in Angra. Fees for the withdrawal depend on the respective credit card and amount on average, 2%. Credit cards are widely accepted, but it is wise to carry cash with you. In small shops and restaurants still cash is king.

Nuisances

There are no venomous snakes or scorpions on the Azores. However, as previously mentioned, jelly fish blooms occur, and their sting is painful. Please respect the indications of beach supervisors and do not swim when a jelly fish bloom is taking place.

Opening hours

The opening hours are handled individually the Azores - in smaller places according to the mood and availability of the owner. Shops usually open Mon - Fri 09:00 - 12:00 and 14:00- 18:00, Saturday 09:00 - 12:00. Supermarkets often have longer opened times. Street markets only open in the morning.

Pharmacies

There are three main pharmacies in the centre of Angra: Farmácia Central, Rua Carreira dos Cavalos 55 A, Farmácia Pimentel, Rua da Sé , 70-72 and Farmácia Vasconcelos, at Rua da Sé, 99, as well as many others, located in smaller streets. Opening times Mon -Fri 08:30 -18:30. After this hours, one pharmacy will be on emergency service, but an extra tax applies when you buy things at it. Please note that Portuguese laws are stricter on prescriptions than e.g. U.S. ones. If you need medication, take it with you together with a doctor's statement. Take the red line at customs if you bring medication with you.

Post and post offices

Post offices "Correios" are generally open during normal shopping hours. There is a post office in Angra at the Rua do Palácio and another at Rua João Vaz Côrte Real. It opens from 08.30 to 18:30 hours on weekdays. The Azores have their own (beautiful) stamps.

Poster session

The poster sessions will be held on Tuesday, 11 October 2023. They are aiming to allow participants to present their work, so even posters a bit remote from the course subjects are welcome. DIN A0 in portrait format is OK. We will provide double sided tape and plasteline. Do not use pins.

Participants will be allowed a 5-minute presentation for their posters (no discussion). The presentation will take place in the lecture room at Angra Campus. PowerPoint slides can be used. For a smooth run of these poster talks, presenters are asked to bring their talks on a memory stick.

Public Holidays

There are no public holidays during the workshop.

Public Transport

There is a good public transport in Terceira, but to more remote locations services operate sporadically. Information about timetables and price of tickets is found at the website of Empresa de Viação Terceirense (<http://www.evt.pt/percursos/>). You can buy tickets from the driver.

Shopping

The opening hours are handled individually the Azores - in smaller places according to the mood and availability of the owner. Shops usually open Mon - Fri 09:00 - 12:00 and 14:00- 18:00, Saturday 09:00 - 12:00. Supermarkets often have longer opening times. Street markets only open in the morning.

Nice souvenirs are

- Jams, marmalade and honey
- Sweet wines from Brum in Terceira
- Pineapples from S. Miguel
- Baskets and wood products
- Cheese from S. Jorge
- Tea from Chá Gorreana

- Stamps from the Azores
- Embroidery
- Fish-scale flowers
- Jewellery made from lava

A good souvenir shop is located at the Quinta dos Açores restaurant (where we will eat one day), if you're aiming at edible souvenirs. Otherwise, several shops, mainly located in Rua da Sé and Rua Direita.

Please do not buy any scrimshaw! Contrary to claims by some Azoreans it is illegal to bring it to most countries (including mainland Europe and the US)

Sightseeing

The 9 islands of the Azores all have their unique character, so it is well worth to spend some time there: Highlights include

- City of Angra do Heroísmo (UNESCO World Heritage Site)
- Museums and gardens at Ponta Delgada (Island of S. Miguel)
- Hot spring area at Furnas (Island of S. Miguel)
- Caldeira of Sete Cidades
- Furnas do Enxofre cave at Graciosa Island
- Pico Volcano (in Pico Island)
- Capelinhos eruption site on Faial Island

Tourist information about the Azores can be found at the Official Azores Tourist Information www.visitazores.com. Due to the dense programme, longer sightseeing trips are not possible. Please note that you **will not** have time for a lot of sightseeing during the course.

Taxis

Taxis cost just over EUR 1,- per km plus basic fee (several Euros). In the night and on weekends they can be more expensive (around 20% surcharge). Although most taxis have meters it is wise to ask for the price in advance. A 5 % tip is usual.

Telephone

The country code for Portugal is 351 and the area code for Angra is 295. To telephone out from the Azores, dial 00 and the country code, so 0049 for Germany and 001 for the US.

Usually mobile phones from Europe work well on the Azores. People from outside Europe can also bring your own cell phone out to the Azores, assuming your cell phone can work properly out in the Europe. Based on experience, AT&T and T-Mobile phones work out there, Verizon and Sprint not so much. There are two major cell phone companies, NOS and MEO, and they have stores located throughout the major islands of the Azores.

There are still pay phones available throughout the major towns and cities on the Azores. They are located near town and village centers and near public transportation stops. Pay phones accept calling cards as well as euros. Calling cards are available at most cafés, corner grocery stores and magazine stands. They are available at a cost of 3, 5, and 10 euros per card. Pay phones also accept coins in 2, 1 euro and 50, 20, 10 cents, they are more expensive than the calling card option.

Time

Azorean daylight-saving time (GMT/UTC, so there is no excuse for astronomers to be late) will be in force during the meeting. There a two-hour time shift between Germany, France and the Azores and a 1-hour time shift between London and the Azores. If it is 2 o'clock in London and 3 o'clock in Frankfurt it is 1 o'clock in Terceira.

Tipping

Tipping is common in the Azores. It's usual to tip around 5% in restaurants, for good service. This is in addition to any service charge that may appear on the bill. Tip in cash. In cafés, you do not need to tip but can leave the small change behind. Leave the tip on the table in the tray your bill came in or give it directly to the waiter. In case of bad service it is OK to give nothing.

Toilets

Female toilets are marked with S (Senhoras), male toilets with H (Homens). Public toilets are often not free of charge, so it is wise to carry some change with you. Unisex toilets are fairly uncommon.

Tourist information

For tourist information check the site of the Azores Tourist Office Website (<http://www.visitazores.com>). The Angra Tourist Office is located at Rua Direita 74, phone ++351-29504800. It opens Mon-Fri 09:00- 12:00 and 13:00-17:00

Water

Tap water is safe to drink. People with easily upset stomachs should drink bottled water.

Weights and measures

Portugal use the metric system.

Disclaimer

All the information given above is to the best of our knowledge. However, we cannot accept any liability for inadvertently false or incomplete information on this site.

Directions

Directions from Hostel Accommodation (Azores Mid-Atlantic Hostel) to Centro Cultural e de Congressos

Walk out left onto Rua do Faleiro (the road staying on the hill, not going down). After 250m you reach a T-junction, turn right onto Rua de Santo Espirito. After 50m turn left into a narrow lane (Traversa de San Espirito. You end up on Rua Direita, turn right. After 100m you reach Rua da Sé, turn left up the hill. After 400m you reach a square (Alto das Covas). Turn there right up onto Canada Nova. After 50 m, at a T-junction turn left keeping on Canada Nova. After a bend to the right you will see the Centre on the left. Total walking time 20-25 minutes.

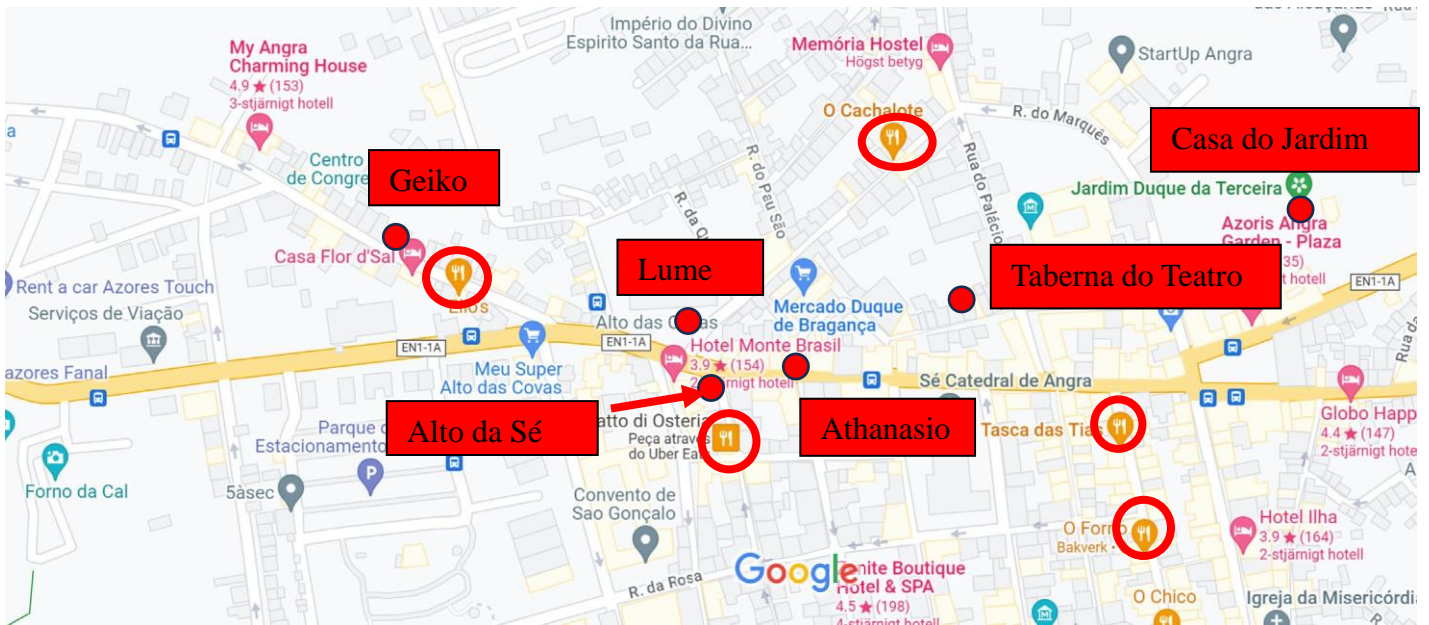
Directions from Hotel Monte Brasil to Centro Cultural e de Congressos

Walk out past the front desk to the road. Turn right and walk for 50 metres until you reach a place (Alto das Covas). At the first opportunity (before a big school), turn left up onto Canada Nova. After 50 m, at a T-junction turn left keeping on Canada Nova. After a bend to the right you will see the Centre on the left. Total walking time 15-20 minutes.

Directions from Hotel Terceira Mar to Centro Cultural e de Congressos

Walk out past the front desk to the road. Turn right and walk for 150 metres until you reach a roundabout. Go straight into Rua São Pedro. After 600 myou reach a place (Alto das Covas). At the first opportunity (before a big school), turn left up onto Canada Nova. After 50 m, at a T-junction turn left keeping on Canada Nova. After a bend to the right you will see the Centre on the left. Total walking time 15-20 minutes.

Restaurants



Athanasio

Very traditional Azorean café and bakery. Open Mon – Fri 07:30 – 19:00, Sat 08:00 – 19:00, Sun 09:00 – 19:00

Café Alto da Sé

Café with lots of lunch offers, one cheap meal of the day. Very reasonably priced. Daily lunch, but also a-la-carte. Alto das Covas 1, Open Mon – Sat 07:00 - 22:30. Main courses EUR 8,- - EUR 12,-.

Casa do Jardim

Garden restaurant in very beautiful setting. Few meals, but good vegetarian and vegan options. Located in the beautiful park Jardim Duque d Terceira. Open Mon . Sat 11:00 to 17:00.

Elios

Burgers and pizzas, but also many traditional Azorean dishes. Rua S. Pedro 47. Open Wed – Sun 12:00 – 14:20, 18:00 – 22:00 Main courses EUR 7,- to EUR 15,-

Geiko

Very nice Japanese-style restaurant, good vegetarian and vegan choices. Rua S. Pedro 42. Open Tue – Sat 12:00 – 14:30, 19:00 – 22:00. Main courses EUR10,- - EUR 15,-.

Lume

Traditional Azorean restaurant with outside service on the Alto das Covas. Alto das Covas 1, Open Mon – Sat 07:00 - 22:30. Main courses EUR 10,- - EUR 15,-.

Mercatto di Osteria

Italian-style restaurant with very good pasta. Rua des Cano Verdes 129. Main courses EUR 8,- to EUR 15,- Open Mon, Wed-Sun 12:00-15:00 19:00 - 23:00. Closed Tuesdays.

O Cachalote

Steak house specialised on lava stone grilling. Rua S. Pedro 42. Open Mon – Sat 18:30 –22:00. Main courses EUR15,- - EUR 30,-.

O Forno

Café with very good sweets including the Bolo Dona Amelia. Small roof-covered outside terrace.
Rua São João 53. Open Mon – Sat 08:00 – 19:00,

Taberna de Teatro

Bistro with excellent meals, especially lunches. Smaller snacks also available Also small outside service area. Rua da Esperança 20. Open Tues – Fri 12:00 –23:00, Sat 12:30 – 23:00. Main courses EUR 7,- - EUR 15,-.

Tasca das Tias

Has become an institution in Angra for traditional Azorean food. Very nice settings. Rua S. João.
Open Mon – Sun 12:00 –23:00. Main courses EUR20,- - EUR 30,-.

Map of Angra do Heroísmo

