

23 Problems that you noticed in moving. State a judgment from 1 (bad) to 5 (excellent) with respect to the following items:

traffic	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
quality of pedestrian paths (benches, shading,...)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
quality of cycle paths (rack, paving,...)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
cost of the public transport service	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
timetable and frequency of public transport service	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
crowding of public transport	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
comfort of public transport	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
closeness and recognition of the bus stops	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
architectural barrier	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
signage and information services	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
car parks	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5

24 State a judgment to the following items from 1 (bad) to 5 (excellent)

tourist information	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
access to archaeological areas	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
access to Porto Conte natural park	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
access to the beaches	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
access to sport services	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
access to natural areas	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
cultural activities	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
services for disabled	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
public spaces for children	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
urban sanitation	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
costs of restaurants	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> I don't Know
Other _____		

Thank you for your time and for helping to advance our research.

A cura dell'intervistatore:

Nome struttura ricettiva: _____

Data: __/__/____

Ora di consegna Data Logger/somministrazione della prima parte del questionario: __:__

Ora di restituzione Data Logger/somministrazione della seconda parte del questionario: __:__

Numero Data Logger associato: _____

Codice questionario: eng001

"Monitoring Spatio-Temporal Behaviour of Tourists in Alghero"

The research group, composed of the Department of Architecture, Design and Urban Planning of Alghero and the Higher Institute on Territorial Systems for Innovation (Torino) are conducting a research about the Urban Quality of Life of tourists in Alghero. We will be grateful if you could give us some help filling out the questionnaire.



1 Gender ☐ m ☐ f **2 Age** _____

3 Origin Country _____ and Province/District _____

4 Education
☐ none ☐ primary school ☐ secondary school ☐ high school
☐ university degree ☐ post-graduate degree

5 Job
☐ entrepreneur ☐ freelance professional ☐ self-employed ☐ director
☐ teacher ☐ employee ☐ worker ☐ student
☐ retiree ☐ housewife ☐ unemployed ☐ other _____

6 You came to Alghero:
☐ alone ☐ in couple ☐ in couple with children ☐ with friends
☐ family ☐ organized trip ☐ other _____

7 How many of you are travelling together (including yourself)?
 Adults _____; children (age 0-12) _____; teenagers (age 12-18) _____

8 How many days is long your vacation in Alghero? N _____ days

9 For how many days are you already in Alghero (including today)? N _____ days

10 How important are the following characteristics for your choice of this accommodation? State a judgment from 1 (totally unimportant) to 5 (very important):

<input type="checkbox"/> price	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
<input type="checkbox"/> location of the accommodation	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
<input type="checkbox"/> quality and services of the accommodation	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5

11 How many times did you come in Alghero?

☐ It's the first time ☐ I've visited Alghero before, but I don't come regularly
☐ I visit Alghero regularly (almost every year)

12 Indicate a judgment from 1 (totally unimportant) to 5 (very important) for the importance of the following reasons for your choice to visit Alghero. (indicate the values inside the box)

- ☐ economy of the trip ☐ environment ☐ weather ☐ health
☐ wine and food ☐ cultural events ☐ sport and recreation
☐ entertainment ☐ study ☐ work ☐ relax
☐ friends and relatives ☐ other _____

13 How did you get to Alghero? (more than one response allowed)

- ☐ private vehicle (car, motorcycle) ☐ plane ☐ ship ☐ bike
☐ rented car or motorcycle ☐ train ☐ bus ☐ taxi
☐ other _____

14 How much you think you will spend during your holidays in Alghero? (indicate the individual spending, excluding travel and accommodation costs)
€ _____ total € _____ day

15 How do you plan to spend your time during your holidays in Alghero? (more than one response allowed)

- ☐ enjoy of environmental resources of Alghero (beach, natural beauty,...)
☐ visit the surrounding area
☐ use health services
☐ use of facilities and services for leisure (sport, hobby, ...)
☐ have fun and entertainment
☐ know the food and wine culture and local traditions
☐ enjoy of organized tourist services (guided tour, cultural itinerary, ...)
☐ to study or to work
☐ other _____

16 Name some places you know that you plan to visit in Alghero

17 Which means do you plan to use to move during the day?

- ☐ walking ☐ biking ☐ public transport ☐ ferry
☐ private vehicle (car, motorcycle) ☐ rented car or motorcycle ☐ rented bike
☐ other _____

Thanks! You've done for now,

please finish the questionnaire at your return to the hotel tonight

Please fill out at your return to the hotel

18 How did you spend your time during the day? (more than one response allowed)

- ☐ I enjoyed of environmental resources of Alghero (beach, natural beauty,...)
☐ I visited the surrounding area
☐ I used health services
☐ I used of facilities and services for leisure (sport, hobby, ...)
☐ I was looking for fun and entertainment
☐ I knew the food and wine culture and local traditions
☐ I enjoyed of organized tourist services (guided tour, cultural itinerary, ...)
☐ I studied/worked
☐ other _____

19 Put crosses on the map (included in the questionnaire) or write the names of the most important places you've visited in Alghero today: (you can help yourself with the map included)

20 Which means did you use to move during the day? (more than one response allowed)

- ☐ walking ☐ bike ☐ public transport ☐ ferry ☐ private vehicle
(car, motorcycle) ☐ rented car or motorcycle ☐ rented bike ☐ other _____

21 Which sources did you consult to get the information about places in Alghero and how to get there?

- ☐ Internet ☐ an information centre ☐ travel guide or map
☐ I asked acquaintances and passersby ☐ none

22 How much did you spend individually during the day? (indicate the individual spending)

- € _____ on food and drink
€ _____ on transportation
€ _____ on tickets (museums, caves, cinema, archaeological sites,...)
€ _____ to buy things (souvenirs, ...)

PROJECT

Monitoring the spatio-temporal behavior of tourists in the city of Alghero

Dear Sir / Madam, **SiTI - Istituto Superiore sui Sistemi Territoriali per l'Innovazione** and **DADU - Dipartimento di Architettura Design e Urbanistica** di Alghero, Sassari University are performing a study in the city of Alghero, with the aim to know the places visited and the paths undertaken in the urban areas by tourists.

The monitoring of the tourists will be carried out through the tracking of the movements detected by devices called *GPS data logger* (see the figure) that will yield data which, **processed in an anonymous and aggregate way**, will allow us to **understand how to improve your stay** in this area rich in natural, historical and cultural resources.



The contribution we ask you is to bring with you during your visit a *GPS data logger* which will record your geographic position (latitude, longitude and altitude) as well as your speed progressively every 20 seconds. The final output is a series of points that describe the spatial-temporal path you covered within the city.

The survey, which is absolutely anonymous, doesn't happen in real-time: the recorded data will be unloaded, therefore available, only after the device is given back.

Moreover, the reduced size of *GPS data logger* (dimensions: 72.5 mm x 40.4 mm x 26 mm, weight 75 g) and the total absence of interaction with other electronic devices will not interfere with your visit.

If you decide to take part to this Project, we will give you a *GPS data logger* together with:

- a legal form to be completed, about the protection of your personal details and the remission of liability in case of theft, loss or damage to be signed before the starting of the visit;
- a questionnaire to better understand the reasons of your visit to fill out in part at the start of the visit and in part at the end.

During your visit we will be at your disposal, therefore if you encounter any problem or in case you need further explanations about the ongoing tracking, don't hesitate to contact us at +393402419867.

We thank you a lot for your collaboration and we remain at your disposal for any further information.

SiTI - Istituto Superiore sui Sistemi Territoriali per l'Innovazione (Torino)

DADU - Dipartimento di Architettura Design e Urbanistica di Alghero, Università di Sassari

Dear Madame/Sir,

We would like to inform you that art. 13 of D.Lgs. n. 196 of June 30, 2003 (Code in matter of protection of personal data) provides for the protection of people and other subjects as regards the treatment of personal data.

According to the above mentioned Privacy Law, personal data shall be handled in keeping with the principles of fairness, lawfulness and transparency as well as protection of your privacy and your rights. In compliance with article 13 of D.Lgs. n. 196/2003, therefore, we provide you the following information:

- 1) **Purpose of the treatment:** to improve the quality of the stay in the territory, SiTI- Istituto Superiore sui Sistemi Territoriali per l'Innovazione, participated by Politecnico di Torino and by Compagnia di San Paolo, and DADU - Dipartimento di Architettura Design e Urbanistica di Alghero - Università di Sassari are implementing a project named "Monitoraggio del comportamento spazio-temporale dei turisti nella Città di Alghero". The aim of the study is to put the administrations in condition to provide better services for the tourists. The project consists in tracing, through gps system, the path followed by the tourist within Ancona territory, in a completely anonymous manner and with no association between the name of the user and the localization signal.
- 2) **Modalities of data processing:** such tracing consists in the restitution and aggregate processing of anonymous data detected by "GPS data logger" (model GD 200), entrusted on loan-for-use to the customer, who will in turn progressively record, every 20 seconds, the reached geographical position (latitude, longitude and altitude) within a "gsd" file. The final output is a series of points describing the spatiotemporal path that has been traced within the territory.
- 3) **Data conferral:** conferral of personal data is not required, being the data collection entirely anonymous.
- 4) **Diffusion:** personal data will not be communicated to other subjects.
- 5) **Treatment and data retention:** data processing and storage will be carried out either on paper or by means of electronic systems and will take place both at the above mentioned society and its other locations. Personal data will be handled only by personnel staff responsible to it. The duration of treatment will be limited to a period not exceeding one year starting from the date of the ordinance, after which the data will be destroyed.
- 6) **Data controller:** Owner of the treatment is SiTI- Istituto Superiore sui Sistemi Territoriali per l'Innovazione, Via Pier Carlo Boggio, 61-10138-Torino, Italy.
- 7) **Data supervisor:** responsible for data treatment is Dott.ssa Daniela Mondini.
- 8) **Rights of data subjects:** You are entitled to exercise your rights against the data controller under Article 7 of D.Lgs. n. 196/2003 at any time. The full text of Article 7 is set out below for your reference:
Art. 7 – Right to access to personal data and other rights
 1. A data subject shall have the right to obtain a confirmation as to whether or not personal data concerning him exist, regardless of their being already recorded, and communication of such data in intelligible form;
 2. A data subject shall have the right to be informed:
 - a) of the source of personal data;
 - b) of the purposes and the methods of data processing;
 - c) of the logic applied to data processing, if the latter is carried out with the aid of electronic devices;
 - d) of the identification data concerning data controller, data processors and representative designated as per Section 5(2);
 - e) of the entities, or categories of entities, to whom or which the personal data may be communicated and who or which may get to know such data in their capacity as designated representative(s) in the State's territory, data processor(s) or person(s) in charge of the processing.
 3. A data subject shall have the right to obtain:
 - a) updating, rectification or, where interested therein, integration of data;
 - b) erasure, anonymization or blocking of data that have been unlawfully processed, including data whose retention is unnecessary for the purposes they have been collected for, or subsequently processed;
 - c) certification to the effect that the operations as per letters a) and b) have been notified, as also related to their contents, to the entities to whom or which the data were communicated or disseminated, unless this requirement proves impossible or involves a manifestly disproportionate effort compared to the right being protected.
 4. A data subject shall have the right to wholly or partially oppose:
 - a) on legitimate grounds, to the processing of personal data concerning him/her, even though they are relevant to the purpose of the collection;
 - b) to the processing of personal data concerning him/her, where it is carried out for the purpose of sending advertising materials or direct selling or else for the performance of market or commercial communication surveys.

Consensus to the treatment of personal data

The undersigned, acknowledging the complete information provided by SiTI- Istituto Superiore sui Sistemi Territoriali per l'Innovazione, Via Pier Carlo Boggio, 61-10138-Torino, Italy, in compliance with article 13 of D.Lgs. n. 196/2003,

- freely gives his/her consent to the treatment of personal data for the purposes specified in the above mentioned report

☐ I agree ☐ I do not agree

- freely gives his/her consent to the diffusion of personal data for the purposes and in the limits specified in the above mentioned report

☐ I agree ☐ I do not agree

Place _____ Date ____/____/____

Signature _____

State in the map attached or write the name of the most important places for you that you visited in Alghero today



