

Data Protection Consent

for the automated processing of personal data as part of the provision of TerraSAR-X data for the CEOS Geohazard Supersites Initiative

The German Aerospace Center (Deutsches Zentrum für Luft- und Raumfahrt e. V., hereinafter referred to as "DLR") takes the protection of personal data very seriously. We want you to know when we store data, which types of data are stored and how it is used. As an incorporated entity under German civil law, we are subject to the provisions of the [EU General Data Protection Regulation \(GDPR\)](#), the [Federal Data Protection Act \(BDSG\)](#) and the [Telemedia Act \(TMG\)](#). We have taken technical and organisational measures to ensure our compliance and the compliance of external service providers with the data protection regulation.

1. Service of TerraSAR-X Supersites data

TerraSAR-X data acquired over the pre-defined Geohazard Supersites and a number of CEOS projects regions is made available for everyone for downloading. The dataset collection, hereinafter referred to as "TerraSAR-X Supersites data", comprises TerraSAR-X Level 1b (mainly SSC) data which are ordered by the Principal Investigator (PI) of a respective Supersite region under the terms of a TerraSAR-X Science proposal accepted by DLR. Supersites are single sites or extended areas of high priority to the Geohazards community in which active single or multiple geological hazards pose a threat to human population and/or critical facilities. The Supersites initiative provides access to space-borne and in-situ geophysical data of selected sites prone to earthquake, volcano or other hazards. The TerraSAR-X Supersites data is hosted on a server of DLR. Before the data can be downloaded, you must register as a user via an input form (user name, e-mail address, etc.) and accept the license and usage conditions.

The conclusion and management of a license agreement with you for the provision of products of the TerraSAR-X Supersites data requires the processing of certain data about your person, so-called personal data, upon your consent.

The following information is given to you fulfilling the information obligation of Art. 13 of the General Data Protection Regulation – GDPR – of the European Union and informs you about the processing of your personal data which DLR needs for the contractual purposes of the license contract and for the purpose of its other legitimate interests.

If you do not agree to the processing of your personal data in the following form, DLR cannot provide you with the TerraSAR-X Supersites data.

2. Name and address of the controller

Controller within the meaning of the GPDR is the

Deutsches Zentrum für Luft- und Raumfahrt e. V. (DLR)
Linder Höhe
51147 Köln
E-Mail: datenschutz@dlr.de

3. Name and address of the data protection officer

Contact details of DLR's Data Protection Officer:

Deutsches Zentrum für Luft- und Raumfahrt e. V.
Uwe Gorschütz
Dept. IT-LTG
Linder Höhe
51147 Köln
Phone: +49 2203 601 4015
E-Mail: datenschutz@dlr.de

4. Definition of terms

Among others, we use the following terms in this Privacy Policy, set out in the General Data Protection Regulation and the Federal Data Protection Act:

1. Personal data

Personal data refers to any information relating to an identified or identifiable natural person (hereinafter: 'data subject'). An identifiable natural person is one who can be identified – directly or indirectly – in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person.

2. Data subject

A data subject is any identified or identifiable natural person whose personal data is processed by the controller.

3. Processing

Processing is any operation or set of operations performed on personal data or on sets of personal data – whether or not by automated means – such as collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, deletion or destruction.

4. Restriction of processing

Restriction of processing means the marking of stored personal data with the aim of limiting its processing in the future.

5. Profiling

Profiling means any form of automated processing of personal data consisting of the use of personal data to evaluate certain personal aspects relating to a natural person, in particular to analyse or predict aspects concerning that natural person's performance at work, economic situation, health, personal preferences, interests, reliability, behaviour, location or movements.

6. Pseudonymisation

Pseudonymisation means the processing of personal data in such a manner that the personal data can no longer be attributed to a specific data subject without the use of additional information, provided that such additional information is kept separately and is subject to technical and organisational measures to ensure that the personal data are not attributed to an identified or identifiable natural person.

7. Controller or data processing controller

Controller or data processing controller means the natural or legal person, public authority, agency or other body which, alone or jointly with others, determines the purposes and means of the processing of personal data; where the purposes and means of such processing are determined by Union or Member State law, the controller or the specific criteria for its nomination may be provided for by Union or Member State law.

8. Processor

Processor means a natural or legal person, public authority, agency or other body that processes personal data on behalf of the controller.

9. Recipient

Recipient means a natural or legal person, public authority, agency or another body, to which the personal data are disclosed, whether a third party or not. However, public authorities that may receive personal data in the framework of a particular inquiry in accordance with Union or Member State law shall not be regarded as recipients.

10. Third party

Third party means a natural or legal person, public authority, agency or body other than the data subject, controller, processor and persons who, under the direct authority of the controller or processor, are authorised to process personal data.

11. Consent

Consent of the data subject means any freely given, specific, informed and unambiguous indication of the data subject's wishes by which he or she, by a statement or by a clear affirmative action, signifies agreement to the processing of personal data relating to him or her.

5. General information on data processing

a) Description and scope of data processing

For the purposes of the license agreement we collect, store and process the following personal data from you:

Personal data to be provided during user registration (mandatory data):

- User name
- Password (freely selectable)
- Surname

- e-mail address

Furthermore, the following information is stored in the internal database as part of your user profile. This information cannot be changed by the user:

- Time when the profile was created
- Last change of user data
- User password procedure
- Password history
- Last time the password was changed
- Last login
- Timestamp of successive authentication errors

b) Legal basis for data processing

The legal basis for the processing of your personal data, which must be entered during registration as well as the processing of the time stamp data, is Article 6 (1) b) and f) of the General Data Protection Regulation (hereinafter also GDPR) of the European Union.

c) Purpose of data processing and duration of storage

DLR needs the obligatory registration data for the administration of the license agreement concluded with you, for example in order to be able to legally sanction violations of contract, such as unauthorized disclosure to third parties, or to be able to manage possible terminations.

Your above-mentioned obligatory personal data will be stored on DLR's servers from the date of your online registration as a user. DLR requires the mandatory data to be provided during registration in order to manage the license agreement. If you violate the license agreement, DLR needs the mandatory registration data for the duration of the contract in order to be able to enforce its rights against you. The corresponding license agreements run for an unlimited period. If you or DLR terminate the contract, the corresponding data record with the obligatory personal data will be deleted. In addition, the system automatically sends you a reminder e-mail once a year. These reminder e-mails ask you to check the data stored about you and to correct it if necessary. These reminder e-mails ensure that the data set is up to date and that the contractual relationship, rights and obligations arising from the license agreement are brought to mind. DLR may also use your e-mail address to contact you in case of security or other important issues. If you no longer need the license, such an e-mail can also be a reminder of the possibility of terminating the license agreement and thus limit the system to the necessary in the interest of all parties.

Please note that the purpose of storing your e-mail address is to be able to contact you by e-mail until termination of your account. Therefore, the use of one-time e-mail accounts is not allowed. Please contact us in case of changes in your e-mail address.

DLR needs the time stamp data for purposes of technical reason of the IT system, that is to say for the steering of the workflows in the system and for purposes of IT security, e.g. enforcement

of the password guide line in respect to the term for password renewal, in respect to control of usage of old passwords, blocking of the account in case of several false registration attempts, etc.

This is also the legitimate interest for DLR in the sense of Art. 6 (1) f) GDPR for processing of time stamp data. When the account is deleted the time stamp data will be deleted as well. This will be the case when the license agreement is terminated.

Access to the data by third parties:

To create and manage the necessary IT systems and the servers, DLR contracts with two external IT service providers, who are granted access to the users' personal data stored in the system as part of their work for DLR, in particular as part of system administration.

The two IT service providers are the following:

1. Computacenter AG & Co. oHG
Europaring 34-40
50170 Kerpen
2. Werum Software & Systems AG
Wulf-Werum-Straße 3
21337 Lüneburg

DLR has concluded contract data processing agreements with these two companies, which oblige these companies to comply with the requirements of data protection law and ensure DLR's right to monitor compliance with these requirements. Your personal data will neither be transmitted to other third parties nor to third countries.

6. Provision of the website and generation of log files

a) Description and scope of data processing

Every time you visit our website, our system automatically collects data and information from the computer system of the calling computer.

The following data is collected:

1. information about the browser type and version used
2. the computer's operating system
3. the IP address of the computer
4. date and time of access

The data is also stored in the log files of our system. This data is not stored together with other personal data of the user.

b) Legal basis for data processing

The legal basis for the temporary storage of data and log files is Art. 6 para. 1 lit. f) GDPR.

c) Purpose of data processing

The temporary storage of the IP address by the system is necessary to enable the website to be delivered to the user's computer. For this the IP address of the user must remain stored for the duration of the session.

The data is stored in log files to ensure the functionality of the website. In addition, the data serves to optimize the website and to ensure the security of our information technology systems. An evaluation of the data for marketing purposes does not take place in this context.

The pages providing the TerraSAR-X Supersites data collect a series of general data and information each time a person or an automated system accesses the Internet pages. This general data and information is stored in the log files of the servers. We may record (1) the browser types and versions used, (2) the operating system used by the accessing system, (3) the website from which an accessing system accesses our website (so-called referrer), (4) the sub-websites which are accessed via an accessing system on our website, (5) the date and time of access to the website, (6) an Internet protocol address (IP address), and (7) other similar data and information which serve to avert danger in the event of attacks on our information technology systems.

When using this general data and information, DLR does not draw any conclusions about the person concerned. Rather, this information is required to (1) correctly deliver the contents of our website, (2) ensure the integrity of the contents of our website, (3) ensure the long-term functionality of our information technology systems and the technology of our website, and (4) provide law enforcement authorities with the information necessary for criminal prosecution in the event of a cyberattack. These anonymously collected data and information are therefore evaluated by DLR both statistically and with the aim of increasing data protection and data security in our research center in order ultimately to ensure an optimum level of protection for the personal data processed by us. The anonymous data of the server log files are stored separately from all personal data provided by a person concerned.

Our legitimate interest in data processing according to Art. 6 para. 1 lit. f GDPR also lies in these purposes.

d) Duration of storage

The data will be deleted as soon as they are no longer necessary to achieve the purpose for which they were collected. In the case of the collection of data for the provision of the website, this is the case when the respective session has ended.

If the data is stored in log files, this is the case after fourteen days at the latest. Further storage is possible. In this case, the IP addresses of the users are deleted or garbled, so that an assignment of the calling client is no longer possible.

e) Possibility of objection and elimination

The collection of data for the provision of the website and the storage of data in log files is absolutely necessary for the operation of the website. Consequently, there is no possibility of objection on the part of the user.

7. Registration form

a) Description and scope of data processing

During the user account self-registration process the personal information described in section “Personal data to be provided during user registration” above is collected in an account registration web form.

The data is also stored in the log files of our system. This data is not stored together with other personal data of the user.

b) Legal basis for data processing

The legal basis for the temporary storage of the registration data is Art. 6 para. 1 lit. b GDPR.

c) Purpose of data processing

The temporary storage of the registration data by the system is necessary to create the user account. We can use this data for helpdesk purposes, e.g. in case of user requests due to self-registration problems.

d) Duration of storage

All statements of the section “Provision of the website and creation of log files” above apply. Data stored in log files are deleted after fourteen days at the latest.

8. Use of cookies

a) Description and scope of data processing

Our website uses cookies. Cookies are text files which are stored on a computer system via an Internet browser.

Many websites and servers use cookies. Many cookies contain a so-called cookie ID. A cookie ID is a unique identifier of the cookie. It consists of a string of characters through which Internet pages and servers can be assigned to the specific Internet browser in which the cookie was stored. This enables the visited Internet pages and servers to distinguish the individual browser of the person concerned from other Internet browsers that contain other cookies. A particular Internet browser can be recognized and identified by its unique cookie ID.

So-called session cookies are used for registration and login and further access to the personalized area of the site. The use of session cookies is required for the secure transmission of user input from the web form to the DLR server. The session cookies become invalid max. 10 hours after the last user input or after the active logout of the user. The technically necessary session cookies are only used for the above-mentioned purpose and not, for example, to analyze user behavior (user tracking).

When accessing our website, the user is informed about the use of cookies for analytical purposes and his or her consent to the processing of personal data used in this context is obtained. In this context, a reference is also made to this data protection declaration, as well as a reference to how the storage of cookies can be prevented in the browser settings.

b) Legal basis for data processing

The legal basis for the processing of personal data using technically necessary cookies is Art. 6 para. 1 lit. f DSGVO.

c) Purpose of data processing

The purpose of using technically necessary cookies is to ensure the secure transfer of user permissions from the web forms to DLR servers and databases. The user data collected by technically necessary cookies are not used to create user profiles.

e) Duration of storage, possibility of objection and elimination

The person concerned can prevent the setting of cookies by our website at any time by means of an appropriate setting of the Internet browser used and thus permanently object to the setting of cookies. Furthermore, cookies that have already been set can be deleted at any time via an Internet browser or other software programs. This is possible in all common internet browsers. If the person concerned deactivates the setting of cookies in the Internet browser used, not all functions of our Internet site are fully usable.

9. Rights of the data subject

Your rights under the General Data Protection Regulation (GDPR) of the European Union:

1. In accordance with **Article 15 of the GDPR**, you have the right to obtain from the controller confirmation of whether personal data concerning you is processed by us.

Where such processing takes place, you have the right to obtain the following information from the controller:

- the purposes for which the personal data is processed;
- the categories of personal data that is processed;
- the recipients, or categories of recipients to whom the personal data relating to you has been or will be disclosed;
- the planned duration of storage of the personal data concerning you, or the criteria applied to defining the duration of storage if precise information in this regard is not available;
- the existence of a right to correction or deletion of the personal data concerning you, the right to restrict processing by the controller or the right to object to this processing;
- the right to lodge a complaint with a supervisory authority;
- all information available concerning the origins of the data if the personal data was not collected from the data subject;
- the existence of an automated decision-making process, including profiling, according to Art. 22 paragraphs 1 and 4 of the GDPR and – at least in these cases – meaningful information on the logic and implications involved, as well as on the intended effects of this kind of processing on the data subject;

- You also have the right to obtain information on whether the personal data concerning you has or will be transferred to a third country or to an international organization. In this regard, you are entitled to request information on the appropriate guarantees in place with regard to this processing in accordance with Art. 46 of the GDPR.

The controller will provide a copy of the personal data that is subject to processing. Where you request additional copies, the controller is entitled to charge an appropriate fee based on administrative costs. If you place the application by electronic means, the information will be made available in a standard electronic format, except where otherwise specified by you. The right to receive a copy in accordance with paragraph 3 of this section must not adversely affect the rights and freedoms of other persons.

2. According to Art. 16 of the GDPR, you have the right to request the correction of incorrect data stored about your person at any time. Taking into account the purposes of data processing incomplete data stored about you must be completed by DLR at your request. The fulfilment of this right is also ensured by reminder e-mails sent automatically once a year.

3. Right to deletion according to Art. 17 GDPR:

Obligation to delete

You have the right to request the controller to delete personal data concerning you without undue delay, and the controller will be obliged to delete personal data immediately where one of the following grounds applies:

- the personal data is no longer necessary in relation to the purposes for which it was collected or otherwise processed;
- you withdraw consent on which the processing is based according to part (a) of Art. 6, paragraph 1, or part (a) of Art. 9, paragraph 2 of the GDPR, and there is no other legal basis for the processing;
- you object to the processing pursuant to Art. 21, paragraph 1 of the GDPR and there are no overriding legitimate grounds for the processing, or you object to the processing pursuant to Art. 21, paragraph 2 of the GDPR;
- the personal data concerning you has been unlawfully processed;
- the personal data has to be deleted to comply with a legal obligation under a Union or Member State law to which the controller is subject;
- The personal data concerning you has been collected in relation to the offer of information society services referred to in Art. 8, paragraph 1 of the GDPR.

Information to third parties

Where the controller has made the personal data concerning you public and is obliged pursuant to Art. 17, paragraph 1 of the GDPR to delete the personal data, the controller, taking account of available technology and the cost of implementation, is required to take reasonable steps, including technical measures, to inform controllers who are processing the personal data that

you have requested to be deleted by such controllers, as well as any links to, copies or replications of such personal data.

Exceptions

The right to deletion does not apply to the extent that processing is necessary:

- for exercising the right of freedom of expression and information;
- for compliance with a legal obligation under Union or Member State law to which the controller is subject or for the performance of tasks carried out in the public interest or in the exercise of official authority vested in the controller;
- for reasons of public interest in the area of public health in accordance with parts (h) and (i) of Art. 9, paragraph 2 and Art. 9, paragraph 3 of the GDPR;
- for archiving purposes in the public interest, for scientific or historical research purposes or for statistical purposes in accordance with Art. 89, paragraph 1 of the GDPR, insofar as the rights referred to in section (a) are likely to render impossible or seriously impair the achievement of the objectives of that processing; or
- for the establishment, exercise or defence of legal claims.

Since DLR requires the personal data to be provided when you register in order to be able to legally pursue breaches of contract, it has the right under Art. 17 Para. 3 e) of the GDPR to refuse the deletion or blocking of the personal data stored on your person during the term of the license agreement concluded with you as a user after you have registered as a user. After the end of the contract, i.e. after termination of the contract, you have the right to have your personal data deleted. The same is also applicable to the time stamp data which DLR is processing on the legal basis of Art. 6 (1) f) GDPR for the purposes of technical reason of the IT system, that is to say for the steering of the workflows in the system and for purposes of IT security. As soon as the licence agreement is terminated the time stamp data will be deleted.

4. According to Art. 18 of the GDPR, you have the right to limit processing:

You have the right to request from the controller restriction of processing of personal data concerning you under the following conditions:

- where the accuracy of the personal data is contested by you, for a period enabling the controller to verify the accuracy of the personal data;
- the processing is unlawful and you oppose the deletion of the personal data, and instead request the restriction of its use;
- the controller no longer needs the personal data for the purposes of the processing, but it is required by you for the establishment, exercise or defence of legal claims; or
- if you have objected to processing pursuant to Art. 21, paragraph 1, of the GDPR, pending the verification of whether the legitimate reasons of the controller override your reasons.

Where processing of the personal data concerning you has been restricted, such personal data shall, with the exception of storage, only be processed with your consent or for the establishment, exercise or defence of legal claims or for the protection of the rights of another natural or legal person or for reasons of important public interest of the Union or of a Member State.

Where you have obtained restriction of processing under the conditions set out above, you will be informed by the controller before the restriction of processing is lifted.

5. Right to notification under Article 19 of the GDPR: Where you have exercised the right to correction, deletion or restriction of processing with the data controller, the data controller shall be obliged to notify all recipients to whom the personal data concerning you was disclosed of this correction or deletion of data or of the restriction of processing, except where compliance proves to be impossible or is associated with a disproportionate effort.

In addition, you are entitled to require that the data controller inform you about these recipients

6. In accordance with Art. 20 of the GDPR, you have the right to receive the personal data concerning you, which you have provided to the controller, in a structured, commonly used and machine-readable format and have the right to transfer that data to another controller without hindrance from the controller to which the personal data have been provided, where:

- the processing is based on consent pursuant to part (a) of Article 6, paragraph 1 or part (a) of Article 9, paragraph 2 of the GDPR or in a contract pursuant to part (b) of Art. 6, paragraph 1 of the GDPR; and
- the processing is carried out by automated means.

In exercising your right to data portability, you have the right to have the personal data concerning you transmitted directly from one controller to another, where technically feasible. This must not adversely affect the rights and freedoms of other persons.

The right to data portability does not apply to processing that is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller.

7. Right to withdraw consent granted pursuant to Art. 7 para. 3 GDPR: You have the right to withdraw consent to the processing of data once granted at any time with effect for the future. In the event of withdrawal we will delete the data concerned without delay, unless further processing can be based on a legal basis for processing without consent. The withdrawal of consent shall not affect the legality of the processing carried out on the basis of the consent until withdrawal;

8. RIGHT OF OBJECTION FROM ART. 21 GDPR:

You have the right to object, at any time, on grounds relating to your particular situation, to the processing of personal data concerning you, which is based on parts

(e) or (f) of Art. 6, paragraph 1 of the GDPR; this includes profiling based on those provisions.

The controller shall no longer process the personal data concerning you, unless the controller demonstrates compelling legitimate grounds for the processing which override your interests, rights and freedoms or for the establishment, exercise or defence of legal claims.

Where personal data concerning you is processed for direct marketing purposes, you have the right to object, at any time, to the processing of personal data concerning you for the purpose of such marketing. This applies also to profiling to the extent that it is related to such direct marketing.

Where you object to processing for direct marketing purposes, the personal data will no longer be processed for such purposes.

In the context of the use of information society services, and notwithstanding directive 2002/58/EC, you may exercise your right to object by automated means that use technical specifications.

Where personal data is processed for scientific or historical research purposes or for statistical purposes pursuant to Art. 89, paragraph 1 of the GDPR, you have the right, on grounds relating to your particular situation, to object to processing of personal data concerning you, except where the processing is necessary for the performance of a task carried out for reasons of public interest.

Should you wish to exercise your right to withdraw consent or to object, please send an email to datenschutz@dlr.de.

9. Automated individual decision-making, including profiling

You have the right not to be subject to a decision based solely on automated processing, including profiling, which produces legal effects for you or similarly significantly affects you.

This does not apply if the decision:

- is necessary for entering into, or performance of, a contract between you and the data controller;
- is authorised by Union or Member State law to which the controller is subject and which also contains suitable measures to safeguard your rights, freedoms and legitimate interests; or
- is based on your explicit consent.

However, these decisions must not be based on special categories of personal data referred to in Art 9, paragraph 1 of the GDPR, unless parts (a) or (g) of Art. 9, paragraph 2 of the GDPR applies and suitable measures to safeguard your rights, freedoms and legitimate interests are in place.

In the cases referred to in parts (1) and (3), the data controller is required to implement suitable measures to safeguard your rights, freedoms and legitimate interests, including at least the right

to obtain human intervention on the part of the controller, to express your own point of view and to contest the decision.

10. Right to lodge a complaint under Art. 77 GDPR: Without prejudice to any other administrative or judicial remedy, you have the right to lodge a complaint with a supervisory authority, in particular in the Member State of your normal residence, your place of work or the place of the alleged infringement, if you consider that the processing of personal data relating to you infringes the GDPR.