

DATA PROTECTION CONSENT

TANDEM-X 30M EDITED DEM / DEM CHANGE MAPS DOWNLOAD SERVICE

for the automated processing of personal data as part of the provision of Digital Elevation Model data / Terrain Model data from the TanDEM-X mission

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 \(BDSG\)](#), the [Telemedia Act \(TMG\)](#), the [Telecommunication Telemedia Privacy Protection Act \(TTDSG\)](#) and the [Satellite Data Security Act \(SatDSiG\)](#). We have taken technical and organisational measures to ensure our compliance and the compliance of external service providers with the data protection regulation.

This website uses SSL – that is, TLS encryption – in order to protect the transfer of personal data and other confidential information (for example, orders or enquiries sent to the controller). A connection is encrypted if you see the character sequence 'https://' and the padlock icon in your browser's address bar.

1. TanDEM-X 30m Edited Digital Elevation Model / DEM Change Map(s) Download Service

As part of the TerraSAR-X/TanDEM-X project a digital elevation model (DEM) of the entire earth surface, as well as DEM Change Maps indicating changes of the topography for specific time periods based on data from the TanDEM-X mission, is made available for everyone for downloading. This includes future versions of the DEM Change Map products that cover additional future time periods. The DEM and the DEM Change Maps have reduced information content and are hereinafter referred to as "TanDEM-X 30m Edited DEM" and "TanDEM-X 30m DEM Change Map(s)" or "TanDEM-X 30m Edited DEM and DEM Change Map(s)". The TanDEM-X 30m Edited DEM and the DEM Change Maps are hosted on a server of the German Aerospace Center (Deutsches Zentrum für Luft- und Raumfahrt e. V., hereinafter referred to as "DLR").

You must accept the Licensing Agreement regarding the use of the TanDEM-X 30m Edited DEM and the DEM Change Maps data products and the system access contract ("Acceptable Use Policy and Conditions of Use", AUP) in order to access the TanDEM-X 30m Edited DEM and the DEM Change Map data. The conclusion and management of both contracts and the provision of

products of the TanDEM-X 30m Edited DEM and the DEM Change Maps requires the processing of certain data about your person, so-called personal data.

The required personal data (see sections 5 and 6) can be provided either by registering a local user account at DLR for accessing the TanDEM-X 30m Edited DEM and the DEM Change Maps or by using an account external to DLR in case that such type of access (federated authentication and authorization) has been established with the organization hosting the external account.

1. Access using a local account at DLR

The following information is given to you fulfilling the information obligation of Art. 13 GDPR and informs you about the processing of your personal data which DLR needs for the contractual purposes of the license contract, system access to the Download Service and for the purpose of its other legitimate interests.

See section 5 for further information regarding data processing based on a local user account.

2. Access using an account external to DLR

If you access the TanDEM-X 30m Edited DEM and DEM Change Map Download Service using an external identity (external user account), the personal data required to access the Download Service is provided by the organization hosting your external account.

The following information is given to you fulfilling the information obligation of Art. 14 GDPR and informs you about the processing of your personal data which DLR needs for the contractual purposes of the license contract, system access to the Download Service and for the purpose of its other legitimate interests.

See section 6 for further information regarding data processing based on an external user account.

If you do not agree to the processing of your personal data in the following form, DLR cannot provide you with the TanDEM-X 30m Edited DEM and the DEM Change Map data.

The TanDEM-X 30m Edited DEM and the DEM Change Map Download Service is generally aimed at persons aged 16 years or older.

2. Name and address of the controller

Controller within the meaning of the GDPR 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 based on a local user account

a) Description and scope of data processing

For the purposes of the license agreement and to provide system access to the Download Service we collect, store and process the following mandatory personal data from you:

- User name
- Password (freely selectable)
- First name
- Surname
- Address with
 - Street and house number
 - City and postcode
 - Nation
- Name of Organization/Company
- E-mail address

Furthermore, the following administrative data is stored in the internal database for the corresponding user profiles. These cannot be changed by the user:

- Time when the profile was created
- Information regarding access rights associated with the account
- Last change of user data
- User password procedure
- Password history
- Last time the password was changed
- Last login
- Timestamps of successive authentication errors

b) Legal basis for data processing

The legal basis for the processing of your mandatory personal data is Article 6 paragraph 1 lit. b and lit. c GDPR.

c) Purpose of data processing and duration of data processing

DLR needs the mandatory registration data for the administration of the system access contract (*Acceptable Use Policy and Conditions of Use, AUP*) and 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 personal data will be stored on DLR's servers from the date of your online registration as a user.

Your personal data will be deleted or blocked as soon as the purpose of the processing no longer applies. This is the case if you or DLR terminate the system access contract (AUP) or the license agreement. Storage may also take place if this has been provided for by the European or national legislator in EU ordinances, laws or other regulations to which the person responsible is subject.

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. They ensure that your personal data is up to date and that the contractual relationship, rights and obligations arising from the system access contract and 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, e.g. reminders regarding password expiration or upcoming account terminations due to inactivity.

If you no longer need the system access or the license, such an e-mail can also be a reminder of the possibility of terminating the system access contract or 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 (disposable) e-mail addresses is not allowed.

Please contact us in case of changes in your e-mail address.

The administrative data is required by DLR for purposes IT technical reasons, 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 guideline 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.

If you violate the license contract or your obligations stated in this data protection consent, DLR reserves the right to disable or delete your account without prior notice. In such cases your personal data can be stored until all legal claims are settled (Article 17 paragraph 3 lit. e GDPR).

6. General information on data processing based on an external user account

a) Description and scope of data processing

For the purposes of the license agreement and to provide system access to the Download Service we collect, store and process the following mandatory personal data from you:

- External user name
- First name
- Surname
- Address with
 - Street and house number
 - City and postcode
 - Nation
- Name of Organization/Company
- E-mail address

This personal data is provided by the organization hosting your external account.

Furthermore, administrative data is stored together with your personal data mentioned above. The administrative data includes roles, permissions and other authentication and authorization data provided by the external identity provider and complemented by session management data of the DLR identity provider.

This personal data and some administrative data (e.g. roles and permissions of your external account) is provided by the organization hosting your external account.

b) Legal basis for data processing

The legal basis for the processing of your mandatory personal data is Article 6 paragraph 1 lit. b and lit. c GDPR.

c) Purpose of data processing and duration of data processing

DLR needs the mandatory data for the administration of the system access contract (*Acceptable Use Policy and Conditions of Use, AUP*) and 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 personal data will be stored on DLR's servers from the date of your online access using an external account.

Your personal data will be deleted or blocked as soon as the purpose of the processing no longer applies. This is the case if you or DLR terminate the system access contract (AUP) or the license agreement. Storage may also take place if this has been provided for by the European or national legislator in EU ordinances, laws or other regulations to which the person responsible is subject.

When you authenticate using an external user account, your personal data will be stored for at least five years (§ 18 paragraph 1 sentence 2 SatDSiG) and afterwards deleted. The administrative data stored for session management will be deleted after the session has ended.

DLR may use your e-mail address to contact you in case of security or other important issues.

The administrative data is required by DLR for purposes of IT technical reasons, 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 guideline 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.

If you violate the license contract or your obligations stated in this data protection consent, DLR reserves the right to disable your access without prior notice. In such cases your personal data can be stored until all legal claims are settled (Article 17 paragraph 3 lit. e GDPR).

d) Additional information according to Art. 14 GDPR

The following information is stated in the data protection consent document of the organization hosting your account external to DLR:

- the identity and the contact details of the controller and, where applicable, of the controller's representative (Art. 14 paragraph 1 lit. a GDPR);
- the contact details of the data protection officer, where applicable (Art. 14 paragraph 1 lit. b GDPR).

The purposes of the processing for which the personal data are intended as well as the legal basis for the processing is described in Section 6 c) and b) (Art. 14 paragraph 1 lit. c GDPR).

The categories of personal data concerned is described in Section 6 a) (Art. 14 paragraph 1 lit. d GDPR).

7. 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:

- information about the browser type and version used
- the computer's operating system
- the IP address of the computer
- 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 paragraph 1 lit. f GDPR. The legal basis for the storage of data and log files is § 18 paragraph 1 sentence 1 SatDSiG.

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.

Furthermore, the data is stored in log files in order to fulfill our legal obligation to store access to TanDEM-X 30m Edited DEM and DEM Change Map(s) according to § 18 paragraph 1 sentence 1 SatDSiG.

The pages providing the TanDEM-X 30m Edited DEM and DEM Change Map(s) 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 paragraph 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.

Data stored according to § 18 paragraph 1 sentence 1 SatDSiG will be stored for at least five years (§ 18 paragraph 1 sentence 2 SatDSiG) and afterwards deleted.

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.

8. 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 paragraph 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.

9. Storage of information in the users' terminal equipment

a) Description and scope of data processing

Our service uses technically necessary temporary cookies.

Cookies, web storage and similar technologies provide websites with methods for storing client-side data on the users' terminal equipment. Cookies are text files which are stored on a computer system via an Internet browser. Web storage is a more modern and standardized way of storing information on the client side (in the Internet browser).

Many websites and servers use cookies, web storage and similar technologies. The information that is stored on the client side often contain an unique identifier (ID), in the case of cookies a so-

called cookie ID. This enables the visited Internet pages and servers to distinguish the individual browser of the person concerned from other Internet browsers that contain other IDs. A particular Internet browser can be recognized and identified by its unique ID.

So-called session cookies (or session web storage) 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).

b) Legal basis for data processing

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

c) Purpose of data processing

The purpose of using technically necessary cookies, web storage or similar technologies 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 or the use of web storage 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 or the use of web storage. Furthermore, client-side data that has already been stored 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 or web storage in the Internet browser used, not all functions of our Internet site are fully usable.

10. Access to the data by third parties

To create and manage the necessary IT systems and the servers, DLR contracts with 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 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

3. Navum GmbH
Am Anger 3
82237 Wörthsee

DLR has concluded contract data processing agreements with these 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.

11. Rights of the data subject

If your personal data are processed, you are a data subject within the meaning of the GDPR and you have the following rights against the controller in accordance with the following provisions:

(1) Pursuant to Art. 15 GDPR, you may request **information** about the personal data we process. In particular, you may request information about the purposes of processing, the category of personal data, the categories of recipients to whom your personal data have been or will be disclosed, the planned storage period and the existence of the rights explained in this section.

(2) Pursuant to Art. 16 of the GDPR, you may request the **rectification** of inaccurate or incomplete personal data held by us without undue delay.

(3) Pursuant to Art. 17 of the GDPR, you may request the **erasure** of your personal data stored by us, unless the processing is necessary for reasons specified by law, in particular to exercise the right to freedom of expression and information, to comply with a legal obligation, for reasons of public interest or to assert, exercise or even potentially defend legal claims.

(4) Pursuant to Art. 18 GDPR, you may request the **restriction of the processing** of your personal data insofar as their accuracy is disputed by you, the processing is unlawful, but you object to their erasure and we no longer require the personal data, but you need them for the assertion, exercise or defence of legal claims or you have objected to the processing pursuant to Art. 21 GDPR.

(5) Pursuant to Art. 20 GDPR, you may receive the personal data you have provided to us in a structured, commonly used and machine-readable format or request that it be **transferred** to another controller.

(6) Pursuant to Art. 7 (3) GDPR, you may **revoke** a consent granted under data protection law at any time vis-à-vis us. This has the consequence that we may no longer continue the data processing based on this consent in the future.

(7) Right of objection pursuant to Art. 21 GDPR

If personal data is processed on the basis of legitimate interests pursuant to Art. 6(1) lit. (f) of the GDPR, you have the right to object to the processing of your personal data pursuant to Art. 21 of the GDPR, provided that there are grounds for doing so which arise from your particular situation or the objection is directed against direct marketing. In the latter case, you have a general right to object, which is implemented by us without

specifying a particular situation, unless the processing is necessary for the performance of a task carried out in the public interest, Art. 21 (6) of the GDPR.

For the purpose of exercising these rights, please contact the office indicated in section 4 above.

(8) Pursuant to Art. 77 of the GDPR, you may lodge a complaint with a supervisory authority. As a rule, the supervisory authority of your usual place of residence or workplace or the registered office of the controller is available for this purpose.