RETROCHANGE SERVICES

Privacy Policy

Information on the processing of personal data (Articles 13 and, where applicable, 14 GDPR)

Controller	Technical University in Zvolen (Technická univerzita vo Zvolene, "TUZVO"), T. G. Masaryka 24, 960 01 Zvolen, Slovak Republic, IČO 00 397 440, info@tuzvo.sk, +421 45 52 06 111
Data Protection Officer	Zodpovedná osoba, TUZVO, T. G. Masaryka 24, 960 01 Zvolen – dpo@tuzvo.sk, +421 45 52 06 123
Services covered	RETROCHANGE Interactive Web Map and registration-based GeoTIFF download flow (https://maps.tuzvo.sk/retrochange); RETROCHANGE Web Map Services – ArcGIS REST and OGC WMS (https://maps.tuzvo.sk/retrochange/ags/services/retrochange/); RETROCHANGE project website (https://gis.tuzvo.sk/retrochange) Also covers visits to and downloads of TUZVO-hosted materials for all four available UCs: RETROCOVER, RETROFOREST, RETROFRAG and RETROCANOPY. Local execution and external computing platforms are described in section 2.
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1. In short

The Interactive Web Map and Web Map Services are accessible without an account. Downloading GeoTIFF packages requires registration with a name, institution and email address, plus a separate licence choice. We record these submissions and download requests. We also process technical request data, and contact details if you ask for support. The registration form offers an optional choice to receive project news. This Policy explains processing by TUZVO under Regulation (EU) 2016/679 (GDPR) and Act No. 18/2018 Coll. It supplements TUZVO's general data-protection information at https://www.tuzvo.sk/sk/ochrana-osobnych-udajov.

The EOSC Node Slovakia catalogue and helpdesk are operated by CVTI SR under its own privacy information. The Interactive Web Map also requests resources from external map and software providers as described in section 4. This Policy covers TUZVO's processing for the RETROCHANGE Services and download flow.

This Policy also covers personal data processed by TUZVO when you visit or download materials for all four available RETROCHANGE use cases (UCs): High Tatras historical land-cover mapping (RETROCOVER, the Landscape application), High Tatras mountain forest classification (RETROFOREST), Poloniny forest fragmentation (RETROFRAG) and Poloniny Havešová canopy-gap analysis (RETROCANOPY). Running an application or notebook locally does not by itself send your inputs or results to TUZVO.

2. What we process, why, and for how long

TUZVO is a public university. The legal basis for each activity is stated in the table below. The public-interest basis under Art. 6(1)(e) GDPR should be read with TUZVO's research, education and dissemination tasks under Act No. 131/2002 Coll. Do not treat a general cybersecurity reference as an independent legal obligation for every server-log field without confirming its application to this service.

Purpose	Personal data	Legal basis	Retention
Operation and security of the web map, map	IP address, date and time, requested URL (including	Art. 6(1)(e) GDPR for service operation and	Raw technical logs are retained in

Purpose	Personal data	Legal basis	Retention
services and project website	requested layer and map extent), HTTP status, browser or GIS-client identification (user agent), referrer, error logs	security; any separate Art. 6(1)(c) duty must be identified and verified	accordance with TUZVO's current records retention schedule and personal-data retention policy. Preserve incident records only for a documented, necessary period.
Usage statistics for project and EOSC reporting	Derived from the logs above; reports contain only aggregated figures (for example number of requests per service)	Art. 6(1)(e)	Raw logs as above. Aggregated statistics contain no personal data.
Answering support and other requests	name, e-mail, organisation, content of the request, communication history	Art. 6(1)(e)	The applicable period in TUZVO's records retention schedule applies. CVTI SR determines the retention of tickets held in its helpdesk under its own retention rules.

We do not sell personal data or use them for advertising or profiling, and we do not make automated decisions with legal or similarly significant effects. Project-news messages are sent only where a separate, freely given opt-in has been recorded; consent may be withdrawn at any time without affecting prior lawful processing.

Provision of a name, institution and email address is required by the current download flow; withholding them prevents access to its GeoTIFF packages. The project-news choice is optional and must be unticked by default. The separate privacy checkbox currently required by the form should be reviewed against the chosen legal basis; a mandatory consent is inappropriate if processing is actually justified under Art. 6(1)(e) GDPR.

If you contact us through https://hd.eosc.sk, CVTI SR controls the helpdesk system under its own privacy information. If CVTI SR forwards a ticket to TUZVO, we process the information received to answer the request. Direct requests to TUZVO are processed by TUZVO.

Registration and downloads: the registration log records the time and type of event, registration ID, name, institution, email, optional project-news choice, registration privacy choice, licence choice and requested package. Registration and licence-choice records are linked by the registration ID. These data are used to manage download access, record the licence choice and document usage. Confirm the precise legal basis for each purpose and the retention period with the data protection officer before publication.

Use-case access and execution

All four UCs are available through their published access routes. A request for a TUZVO-hosted UC page or file may be recorded in the technical server logs described above. If a package is obtained through the RETROCHANGE registered download flow, its registration, licence-choice and download-event processing described above applies. TUZVO does not receive input files or results merely because you execute a downloaded application or notebook on your own computer.

If you upload a notebook or your own data to EOSC EU Node JupyterHub or another external computing service, that service processes your account, uploaded files, execution logs and results under its own privacy information. TUZVO does not control that platform solely because the workflow was developed by

RETROCHANGE. Do not upload personal or confidential data unless you have a lawful basis and have checked the platform's terms and safeguards.

If TUZVO later offers hosted execution, file uploads or accounts for use cases, this Policy must be updated before that processing starts to state the data categories, purposes, legal bases, recipients, transfers and retention periods.

3. Cookies and browser storage

The download flow uses an ASP.NET session identifier and related session state to maintain registration and licence choices and protect access to files. These are necessary for the service requested by the user. The map may use technical browser storage; the exact storage keys, providers and lifetimes must be confirmed before publication. No claim about the absence of analytics or other non-essential storage should be published until the live map and project website have been checked. Non-essential storage, if introduced, requires a valid prior choice under Section 109(8) of Act No. 452/2021 Coll.

Running a notebook locally may download software dependencies from external package repositories if the environment is not already installed. The relevant repository or computing-platform operator may receive technical request data. Check the package documentation and your environment settings before running it.

4. Third-party map content

The Interactive Web Map loads map and software resources from external providers, including Esri (ArcGIS JavaScript API and basemaps) and the Slovak ZBGIS/orthophoto services where selected. Your browser may send an IP address, request details and other technical data directly to those providers; their privacy information applies to that independent processing. Confirm the complete live provider list and whether requests are direct or proxied before publication. The TUZVO Web Map Services should be assessed separately.

5. Recipients and transfers

- authorised members of the RETROCHANGE team and TUZVO IT staff, only to the extent necessary;
- CVTI SR, when a request is handled through the EOSC Node Slovakia helpdesk;
- national CSIRT / SK-CERT and competent public authorities, where needed to handle a security incident or required by law;
- processors contracted by TUZVO under Art. 28 GDPR (for example IT support), if any.

The RETROCHANGE application and registration log are configured on TUZVO infrastructure in Slovakia. External map, software and email providers may involve processing or access outside the EU/EEA under their own arrangements. TUZVO must verify its processor list, transfer locations and any Chapter V GDPR safeguards before publishing a categorical transfer statement.

6. Your rights

Subject to the conditions in GDPR, you may request access, rectification, erasure, restriction and data portability where applicable; you may object to processing based on Art. 6(1)(e). Where processing relies on consent, you may withdraw it at any time. Requests may be sent to dpo@tuzvo.sk or TUZVO's postal address. We normally respond within one month; this can be extended by up to two further months where necessary, with notice. To locate a technical log entry we may need the time and details of your request.

You may lodge a complaint with the Office for Personal Data Protection of the Slovak Republic (Úrad na ochranu osobných údajov SR), Hraničná 12, 820 07 Bratislava 27, https://dataprotection.gov.sk.

7. Changes and contacts

We may update this Policy when the Services or processing change. The published version should state its effective date. Before release, confirm retention periods, live recipients, technical storage and any international transfers with TUZVO's data protection officer.

Data protection (DPO)	dpo@tuzvo.sk, +421 45 52 06 123
Service contact	milan.koren@tuzvo.sk
Support	https://hd.eosc.sk, helpdesk.eosc@cvtisr.sk