

License Agreement and Order Form regarding the use of the Global Urban Footprint (GUF) data product

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1. Definitions

- a) GUF is a data product generated from a global coverage of the Earth surface with TerraSAR-X/TanDEM-X radar data in 3m ground resolution (spotlight mode). It is available in high resolution of 0.4 arcseconds (12 meters) and reduced resolution of 2.8 arcseconds (84 meters).
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6. The Licensee agrees to the storing and request of the user registration data by DLR-DFD. DLR assures that it will treat these data confidentially.

7. The Licensee assures to reference to the following information in publications which are based on the provided GUF:

8.

When using GUF: Global Urban Footprint (GUF); DLR 2016.

In the context of scientific publications shall be referenced to the following publications:

Esch, T., Heldens, W., Hirner, A., Keil, M., Marconcini, M., Roth, A., Zeidler, J., Dech, S., Strano, E. (2017): Breaking new ground in mapping human settlements from space – The Global Urban Footprint. ISPRS Journal of Photogrammetry and Remote Sensing 134 (2017) 30-42. <https://doi.org/10.1016/j.isprsjprs.2017.10.012>

Esch, T., Schenk, A., Ullmann, T., Thiel, M., Roth, A., Dech, S. (2011): Characterization of Land Cover Types in TerraSAR-X Images by Combined Analysis of Speckle Statistics and Intensity Information. IEEE Transactions on Geoscience and Remote Sensing, Volume 49, Issue 6, pp. 1911-1925. <https://doi.org/10.1109/TGRS.2010.2091644>.

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1. GUF is provided without any warranty.
2. The Licensee is liable to DLR for all damages, regardless of the legal reasons, caused through intent or negligence.
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I have read the licence agreement

Name: _____

Institution: _____

Order Form:

1. Type of company / institution / department

Tick all boxes that apply.

- International institution
- European institution
- University/ research institute
- Public authority / governmental organization
- NGO
- Private company
- Other: _____

2. Is the intended use of the GUF scientific or non-commercial?

- Scientific
- Non-commercial

3. What is the intended use of the GUF?

Tick all boxes that apply.

- Spatial reference for other data (e.g. statistical information)
- Spatial analysis
- Input for further analyses (e.g. modelling)
- Maps / pictures production
- Other: _____

4. Fields of application - in which of the following applications will the GUF be used?

Tick all boxes that apply.

General applications:

- Biodiversity
- Civil security
- Climate modelling
- Disease modeling, Health care
- Ecosystems /Environmental protection
- Education
- Geo-risks and hazards
- Global change
- Infrastructure planning
Transport, Energy, Water management, etc.
- Land use and land use change
- Policy
- Population estimation
- Rural development
- Tourism
- Urban growth/urban sprawl
- Urban/Regional/Spatial planning

Others:

City-specific applications

- Green cities
Low carbon city development (CC mitigation), Urban environment, Solid waste management, Urban pollution & environmental health, Transport
- Inclusive cities
Slum upgrading, Urban poverty, Access to services, Participatory planning, Urban crime & violence, Socio-economic inclusion
- Resilient cities
Multi-dimension resilience, Climate risk, Disaster risk, Economic shock, Social conflict
- Competitive cities
National urban policies, Regional econ development, Local economic development (jobs, investments), Municipal land & real estate asset management
- Systems & governance
City systems & data (info management, governance, smart city), Land use/ integrated territorial planning, Finance (economy development, infrastructure), Land & housing markets