

Extension First-Order Network, 1962-1972

1. Metadata Reference Information

1.1 Metadata Responsible Organisation and Contact Information

- 1.1.1 Organisation Name: Ghent University
- 1.1.2 Contact Voice Telephone: +32 (0)9 264 46 95
- 1.1.4 Address: Krijgslaan 281
- 1.1.5 City: Ghent
- 1.1.6 State or Province: East-Flanders
- 1.1.7 Postal Code: 9000
- 1.1.8 Country: Belgium
- 1.1.9 Contact Electronic Mail: Jeffrey.Verbeurgt@UGent.be
- 1.1.10 Website: <http://geoweb.ugent.be/en>
- 1.1.12 Contact Person: Jeffrey Verbeurgt
- 1.1.13 Contact Person Position: Researcher

1.2 Metadata Creation and Review Dates

- 1.2.1 Metadata Date: 2019-02-20

1.3 Metadata Prototype Information

1.3.1 Metadata Standard Information

- 1.3.1.1 Metadata Standard Name: IGFS, IAG Conventions and Standards for Gravity MetaData (ISO19115-1 Profile)
- 1.3.1.2 Metadata Standard Version: 1.0
- 1.3.1.3 Metadata Standard Identifier: IGFSCBgMeta1.0

1.3.2 Metadata Structure Responsible Organisation and Contact Information

- 1.3.2.1 Organisation Name: International Gravity Field Service Central Bureau
- 1.3.2.2 Contact Voice Telephone: +30 2310 994366
- 1.3.2.3 Contact Facsimile Telephone: +30 2310 995948
- 1.3.2.4 Address: IGFS CB, GravLab, Department of Geodesy and Surveying, Aristotle University of Thessaloniki
- 1.3.2.5 City: Thessaloniki
- 1.3.2.6 State or Province: Central Macedonia
- 1.3.2.7 Postal Code: 54124
- 1.3.2.8 Country: Greece

1.3.2.9 Contact Electronic: igfs@topo.auth.gr

1.3.2.10 Website: <http://igfs.topo.auth.gr>

1.3.2.11 Hours of Service : 09:00-15:00 Mon to Fri (Eastern European Time)

1.3.2.12 Contact Person: Georgios S. Vergos

1.3.2.13 Contact Position: Director

2. Identification Information

2.1 Resource Coordinate Reference System

2.1.1 Coordinate Reference System (according to EPSG coding): 4326

2.2 Resource Citation

2.2.1 Title: Extension First-Order Network, 1962-1972

2.2.2 Publication Reference Date: 2019-02-20

2.2.3 Identifier: NGI-IDENTIFIER

2.3 Resource Description

2.3.1 Abstract: In 1961, the Military Geographic Institute initiated a gravity measurement campaign in the north-east of Belgium to map the negative Flanders anomaly in detail. The network measurements started in 1962 and were discontinued for unknown reasons in 1972. 6280 gravity stations were acquired in the framework of the Belgian gravimetric network 1947-1948.

2.3.2 Purpose: Historical

2.3.3 Data Set Credit: Royal Observatory Belgium; National Geographic Institute

2.4 Resource Status

2.4.1 Progress: completed

2.4 Resource Point of Contact

2.5.1 Contact Organisation: Royal Observatory Belgium

2.5.2 Contact Voice Telephone: +32 2 373 02 11

2.5.4 Address: Avenue Circulaire 3

2.5.5 City: Brussels

2.5.7 Postal Code: 1180

2.5.8 Country: Belgium

2.5.9 Contact Electronic Mail: rob_info@oma.be

2.5.10 Website: <http://seismologie.be/en>

2.5.12 Contact Person: Michel Van Camp

2.5.13 Contact Person Position: Head-Researcher

2.6 Spatial Domain

- 2.6.1 West Bounding Coordinate [dec degrees]: 2.55383
- 2.6.2 East Bounding Coordinate [dec degrees]: 5.45883
- 2.6.3 South Bounding Coordinate [dec degrees]: 50.30750
- 2.6.4 North Bounding Coordinate [dec degrees]: 51.31200

2.7 Resource Maintenance and Update

- 2.7.1 Maintenance and Update Frequency: notPlanned

2.8 Keywords

- 2.8.1 Theme Keyword(s): Coordinate reference systems

2.9 Constraints and Security Information

2.9.1 Constraints

- 2.9.1.1 Access Constraints: otherRestrictions
- 2.9.1.2 Use Constraints: otherRestrictions
- 2.9.1.3 Other Constraints: see: <http://seismologie.be/en/legal-notice/terms-of-use>

2.9.2 Security

- 2.9.2.1 Security Classification: unclassified

3. Distribution Information

3.1 Distributor

- 3.1.1 Contact Organisation: Royal Observatory Belgium
- 3.1.2 Contact Voice Telephone: +32 2 373 02 11
- 3.1.4 Address: Avenue Circulaire 3
- 3.1.5 City: Brussels
- 3.1.7 Postal Code: 1180
- 3.1.8 Country: Belgium
- 3.1.9 Contact Electronic: rob_info@oma.be
- 3.1.10 Website: <http://seismologie.be/en>
- 3.1.12 Contact Person: Michel Van Camp
- 3.1.13 Contact Person Position: Head-Researcher

3.2 Standard Order Process

3.2.1 Online Form

- 3.2.1.1 Online Data Request URL: <http://seismologie.be/en>

3.2.2 Digital Form of Available Data for Distribution

- 3.2.2.1 Data Format Name: csv

3.3 Metadata Constraints

3.3.1 Metadata Access Constraints: otherRestrictions

3.3.2 Metadata Use Constraints: otherRestrictions

3.3.3 Metadata Other Constraints: See: <http://seismologie.be/en/legal-notice/terms-of-use>

4. Standards and Conventions

4.1 General Standards and Conventions

4.1.1 Gravitation Constant of the Earth (GM) Used [$\text{m}^3/\{\text{kgs}^2\}$]: n/a

4.1.2 Equatorial Radius of the Earth Used [meters]: n/a

4.1.3 Flattening of the Earth Used [unitless]: n/a

4.1.4 Reference ellipsoid for normal gravity computation: WGS 84

5. Data and Data Quality Information

5.1 Attribute Accuracy Report: variableAccuracyProvided

5.2 Logical Consistency Report: Visual examination of data; height information was randomly checked

5.3 Completeness Report: availableWhole

5.4 Data Distribution

5.4.1 Data Distribution Form: irregular

5.5 Gravity Data Type: gravityAnomaly

5.6 Gravity Accuracy [mGal]: n/a

5.7 Position Accuracy

5.7.1 Latitude Accuracy [decimal degrees]: 0.45

5.7.2 Longitude Accuracy [decimal degrees]: 0.45

5.7.3 Vertical Accuracy [meters]: 0.05

5.8 Time Period of Content

5.8.1 From Date: 1962-01-01

5.8.2 To Date: 1972-12-31

5.8.3 Current Reference: 2019-02-20