



UNECE ACTIVITIES ON INTEGRATING STATISTICAL AND GEOSPATIAL INFORMATION

9th Joint UN-GGIM: Europe - ESS – UNECE Meeting, Belgrade, 3 October 2023
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UNECE



Funded by
the European Union

PROJECT OVERVIEW

UNECE is leading an EU-funded project to develop statistical capacity in geospatial and statistical data integration



Foster stronger links between statistical and geospatial communities across the UNECE region



Facilitate greater collaboration amongst statistical and geospatial organisations

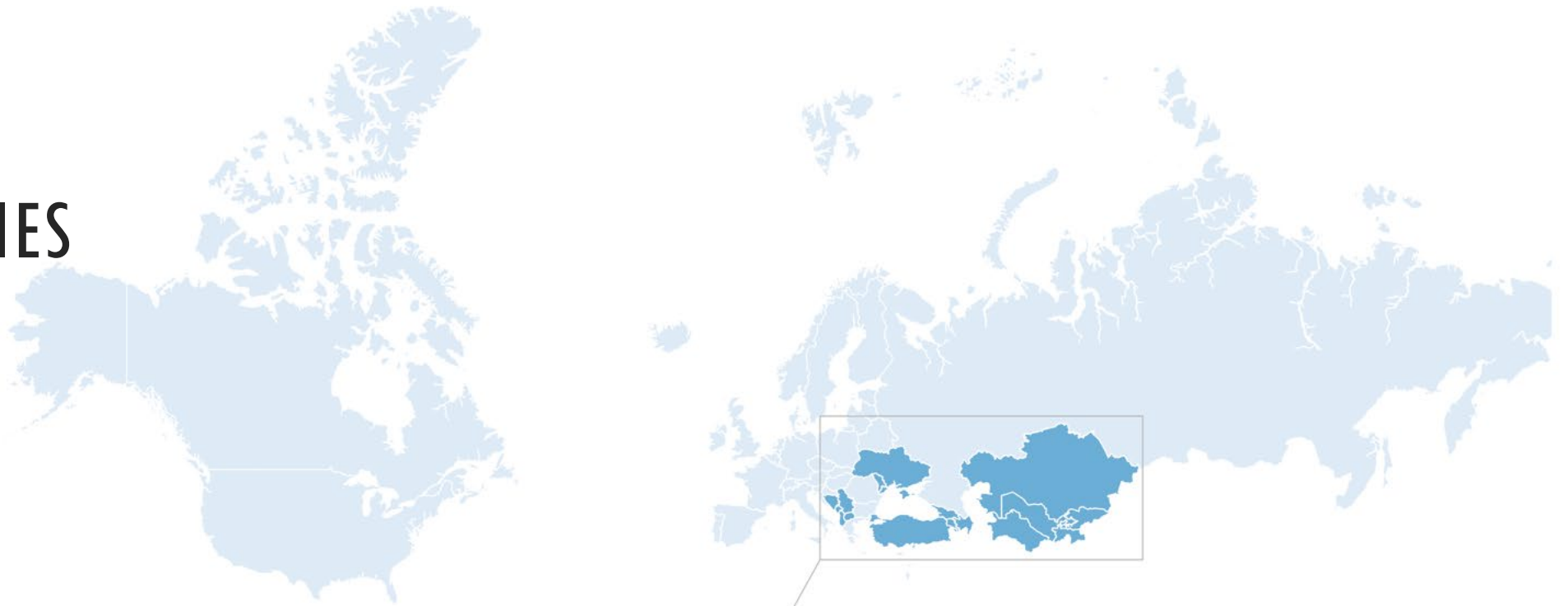


Encourage greater integration of geospatial and statistical information



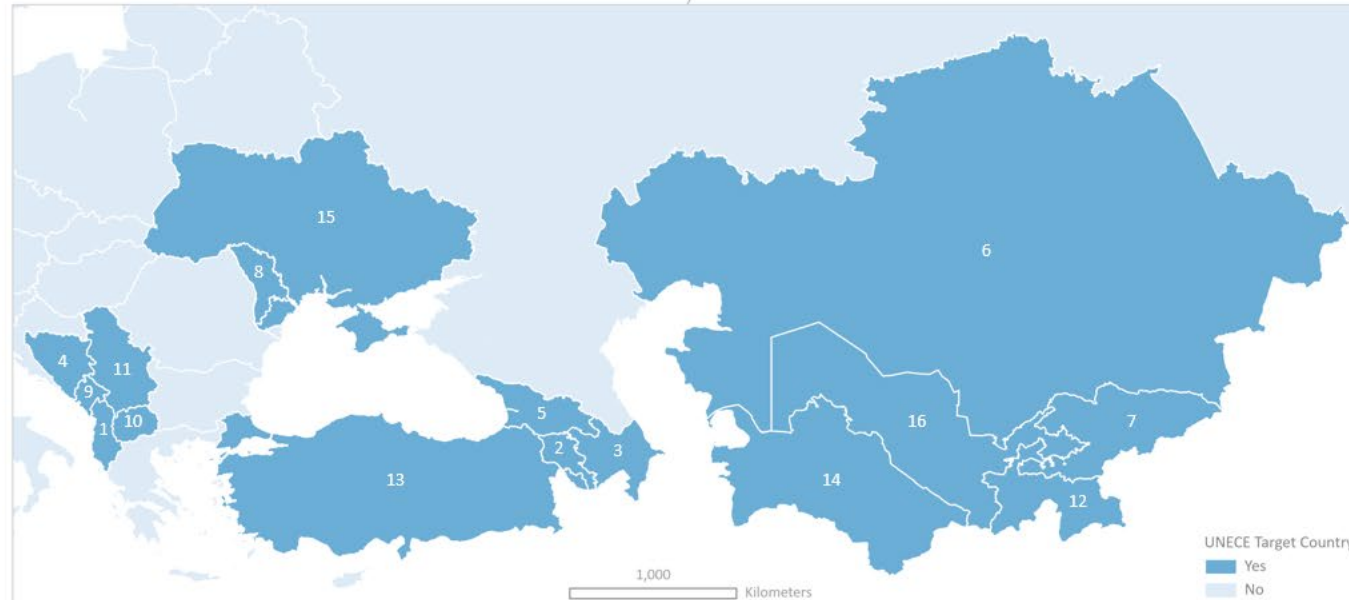
Promote stronger institutional partnerships and the use of common standards

TARGET COUNTRIES



UNECE Target Country

1. Albania
2. Armenia
3. Azerbaijan
4. Bosnia and Herzegovina
5. Georgia
6. Kazakhstan
7. Kyrgyzstan
8. Moldova
9. Montenegro
10. North Macedonia
11. Serbia
12. Tajikistan
13. Turkey
14. Turkmenistan
15. Ukraine
16. Uzbekistan



EXPECTED PROJECT IMPACTS

Increased awareness of the need for more integration of geospatial and statistical data, particularly within target countries.

A **better understanding of the limitations** of current geospatial and statistical data standards in the context of data integration.

Improved collaboration between the geospatial and statistical communities based on greater mutual awareness and understanding.



PROJECT ACTIVITIES



Develop an online survey and issue to all national statistical and geospatial organisations across the UNECE region to gain stakeholder insights on data integration.



Create a report describing the issues and obstacles hampering the greater integration of geospatial and statistical data, and potential solutions for overcoming them.



Establish a UNECE-led task force on standards issues relating to data integration.



Identify domains where integration is hampered by a lack of common standards and set priorities for standards harmonisation work.



Organise a joint UNECE/Eurostat/UN-GGIM: Europe Workshop on Integrating Statistical and Geospatial Data in Autumn 2023.



Create supportive material on data integration including a wiki space, blog series, methodological guidelines, cheat sheets etc.







Provide online consultations, training workshops or similar events as required.

PROJECT WORK PACKAGES



DESKTOP ASSESSMENT

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- ✓ Critical review of the published literature at international and regional levels.
 - ✓ Structured assessment of activities within target countries and collation of use cases at national levels.
 - ✓ SWOT analyses.
 - ✓ UN-IGIF Strategic Pathways used as overarching themes:
 - Governance & Institutions
 - Legal & Policy
 - Financial
 - Data (& Technical Infrastructure)
 - Innovation
 - Standards
 - Capacity & Education
 - Communication & Engagement

The survey was developed to:

- Obtain insight from the statistical and geospatial communities.
- Ensure the views of key stakeholders were included in the project.
- Acquire user feedback to inform the direction of project activities.

The survey was designed around 4 key areas:

1. Use of data and technology.
2. Involvement in wider activities at national and international levels.
3. Issues and obstacles to greater data integration.
4. Opportunity to register interest in future project activities.

UNECE Survey on the Integration of Statistical and Geospatial Information

Spring 2023

This survey will inform a European Union funded project which seeks to strengthen the integration of statistical and geospatial information across the UNECE region. Your feedback will help to set the direction of future activities relating to statistical and geospatial data integration.

UNECE SURVEY ON THE INTEGRATION OF STATISTICAL AND GEOSPATIAL INFORMATION

SURVEY RESPONSE

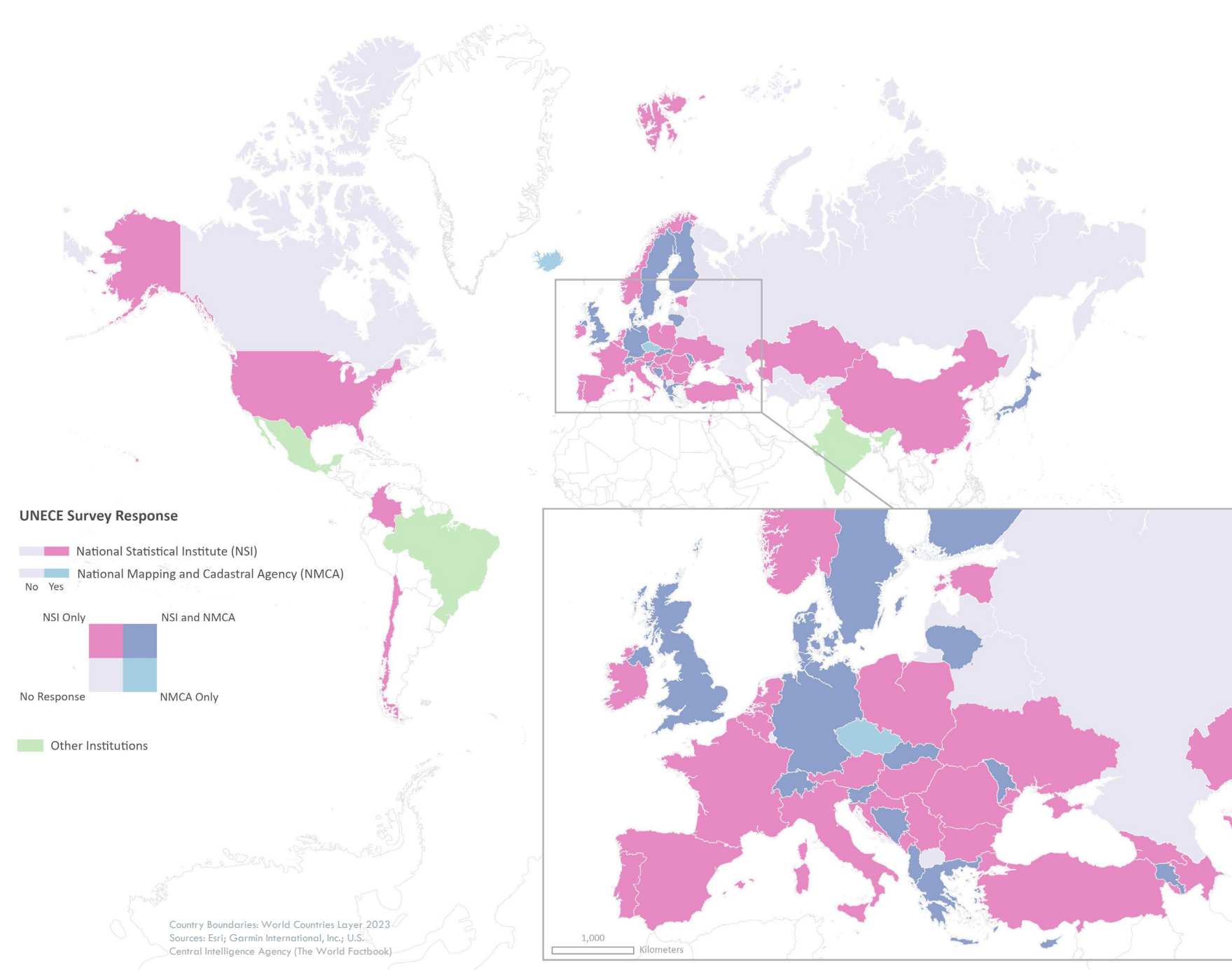
Context:

- Issued in March 2023
- 4-week completion period

Survey respondents:

- 67 organisations (15 from target countries)
- 49 countries (including 11 target countries)
- 45 National Statistical Institutes (NSIs)
- 18 National Mapping and Cadastral Agencies (NMCAs)
- 4 other bodies
- 17 countries with responses from both NSI and NMCA

Thanks to everyone who responded for their valuable insights!



JOINT UNECE / EUROSTAT / UN-GGIM: EUROPE WORKSHOP ON INTEGRATING STATISTICAL AND GEOSPATIAL DATA



- UNECE have led the organisation of the workshop in collaboration with Eurostat, UN-GGIM: Europe and our hosts, the Republic Geodetic Authority of the Republic of Serbia.
- Feedback from the UNECE Survey has guided the design and structure of the workshop.
- The workshop will focus on three main themes:
 - Effective Governance
 - Data and Technology
 - People and Partnerships

Thanks to all involved and we look forward to tomorrow!

TASK FORCE ON STANDARDS ISSUES

- Aim to support the greater harmonization and interoperability of statistical and geospatial information through the use of common standards.
- Forum to:
 - Discuss the use of standards
 - Explore issues and constraints
 - Identify priorities and future actions
- Organisation:
 - Co-chairs: Statistics Finland and Ordnance Survey of Northern Ireland
 - Secretariat: UNECE
 - Members: 16 organisations from 12 countries (7 target countries), NSIs and NMCAs represented

TASK FORCE ON STANDARDS ISSUES

Planned Activities:

- a) Understand the current use of standards and share use cases and best practice.
- b) Determine the suitability of those standards to data integration activities and identify domains where data integration is hampered by a lack of common standards.
- c) Identify priorities for standards harmonization work and recommend related actions.

Output:

- A report containing recommended actions and methodological guidelines to support their implementation at a national level.

Coordination:

- Engaging with the UN-GGIM EG-ISGI to ensure regional coordination.

WIKI SPACE



Integration of
Geospatial and
Statistical Data

Pages

Blog

PAGE TREE

- INGEST Blog Series
- Joint UNECE, Eurostat, U
 - 9th Joint UN-GGIM: Eu
 - GeoStat 2023 - Timeta
- Presentations

<https://statswiki.unece.org>

Integration of Geospatial and Statistical Data Home

Welcome to our space on the integration of geospatial and statistical data

Data is a critical resource for evidence-based decision-making and the 2030 Agenda for Sustainable Development has brought the need for harmonised data of increasing quality, accuracy, currency and granularity to the forefront of global, regional and national agendas to support the measurement and monitoring of its SDGs. The integration of geospatial and statistical data is one of the most promising ways to maximise the value of data-driven decision-making and global efforts to progress data integration have been ongoing for a decade, centred upon the work of the United Nations, its various bodies and expert groups, and increasingly extended and adapted to regional and national contexts through the work of UNECE, Eurostat, UN-GGIM: Europe, EFGS and others. The benefits of integrating geospatial and statistical data are great: enhancing the value of the geospatial and statistical data itself through improved quality, improving the interoperability of datasets, providing new possibilities for analysis and presentation, and resulting in greater insights which can inform decision-making and policy development across multiple levels.

This space is designed to bring together information on upcoming workshops, links to key groups and resources relating to data integration, as well as the home of a new blog series on integrating geospatial and statistical data, INGEST, which has recently been launched. Happy exploring!

Workshops

Workshops on integrating geospatial and statistical data	When and Where
Joint UNECE, Eurostat, UN-GGIM Europe Workshop on Integrating Statistical and Geospatial Data	4-5 October 2023, Belgrade, Serbia
9th Joint UN-GGIM: Europe - ESS - UNECE Meeting, 3 October	3 October 2023, Belgrade, Serbia
EFGS 2022 Conference - Towards standardised geospatial statistics	27-28 October 2022, online
8th Joint UN-GGIM: Europe – UNECE Meeting on the Integration of Statistical and Geospatial Information	24 March 2022, online
EFGS 2021 Conference - Unlocking value from data	7-8 September 2021, online
Joint Workshop on the Integration between Geospatial and Statistical Information in International Organisations and Member States	28 April - 12 May 2021, online
7th Joint UN-GGIM: Europe – ESS – UNECE Meeting on the Integration of Statistical and Geospatial Information	24 March 2021, online
EFGS 2020 Webinar	20-21 October 2020, online

<https://statswiki.unece.org/x/3wDnFw>



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eurostat



UN-GGIM
UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Quick Links

[INGEST Blog Series](#)

Key Organisations:

[UNECE Statistics Division](#)

[Eurostat](#)

[UN-GGIM: Europe](#)

[UN-GGIM \(Global\)](#)

[European Forum for Geography and Statistics](#)

Key Resources:

[The Global Statistical Geospatial Framework \(GSGF\)](#)

[The United Nations Integrated Geospatial Information Framework \(UN-IGIF\)](#)



BLOG SERIES

6 blog posts published so far including:

1. Welcome to Ingest, our new blog series on integrating geospatial and statistical data
2. Data Integration: Key players and recent developments
3. UNECE Survey - Part 1: Background and Context
4. UNECE Survey - Part 2: Data and Technology
5. UNECE Survey - Part 3: Collaboration and Partnerships
6. UNECE Survey - Part 4: Issues and Obstacles

Blog / 2023 / July / 03

Welcome to INGEST, our new blog series on integrating geospatial and statistical data

Created by Sara Stewart, last modified on 24 Jul, 2023



Do you want to learn more about integrating geospatial and statistical data but aren't sure where to start? Are you short on time and need bite-sized information on important developments and trends in the field of data integration? Well, you have come to the right place!

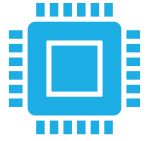
Welcome to our exciting new blog series, INGEST (which, in case you haven't noticed, is short for INtegrating GEospatial and SStatistical data) where we will be exploring a range of topics relating to data integration as well as sharing guidance, resources and best practice to help you on your journey towards greater data integration. Whether you are just beginning this journey of discovery, or you are a seasoned pro who is hoping to broaden your knowledge and keep up to date with developments in the field of data integration, we hope there will be something for everyone. We'd also love to hear your thoughts on the topics that we explore so please feel free to comment on the posts and we can connect you to the wider community and stimulate discussion.

In this introductory post to the INGEST Blog Series, we will start right at the beginning and explore what integrating geospatial and statistical data is all about and discuss why it is important. So are you ready to dive in? Let's go!



<https://statswiki.unece.org/x/OwLnFw>

FUTURE ACTIVITIES



Task Force on Standards
Issues relating to the
Integration of Statistical and
Geospatial Information



Report containing
recommended actions and
guidelines produced by the
Task Force.



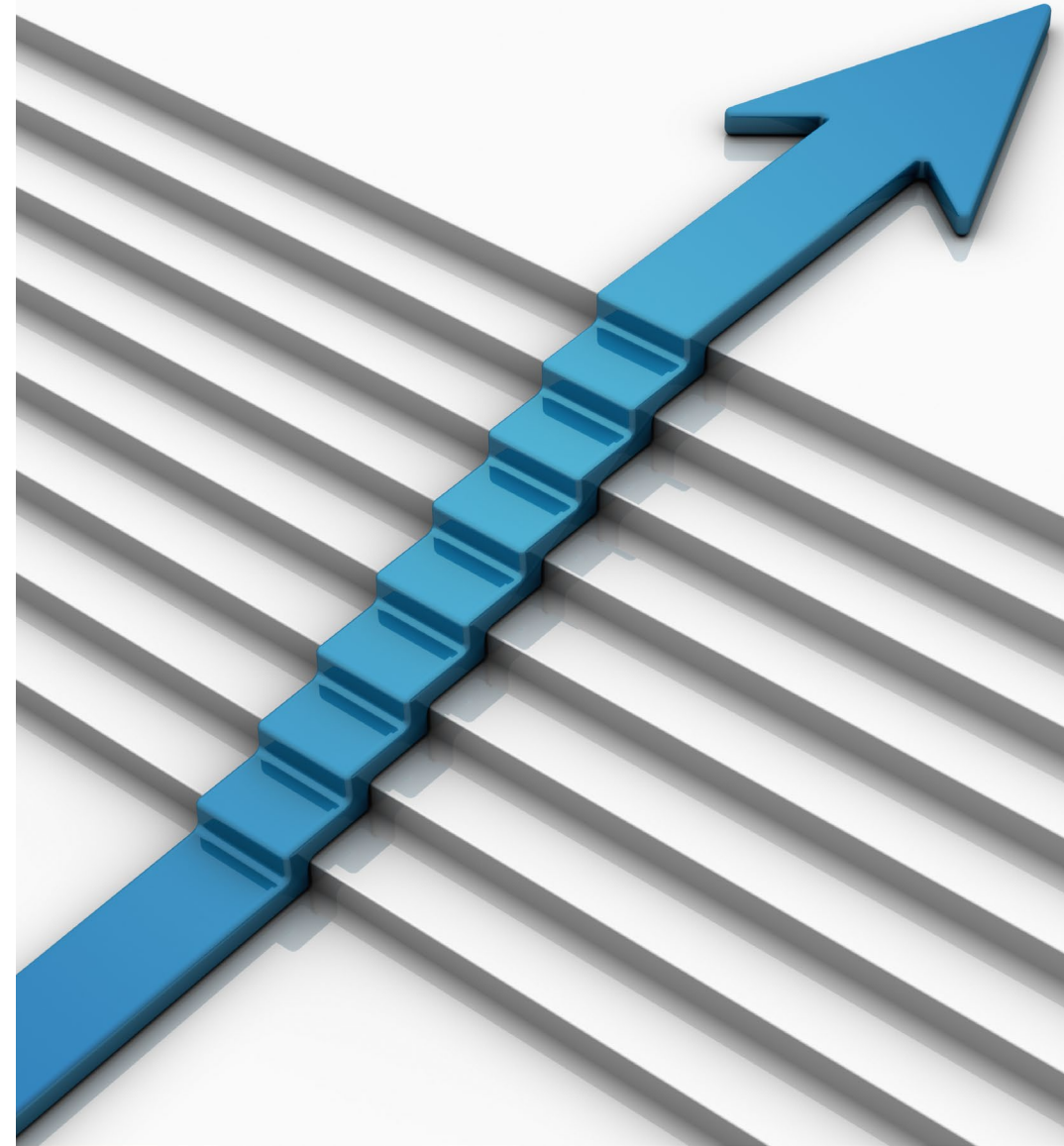
Further developing the wiki
space with supportive
material and resources.



Producing regular blog
posts for INGEST



Providing online
consultations, training
workshops or similar
events.



THANKS FOR LISTENING



<https://www.linkedin.com/in/geospatialsara/>



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