Standards aren't always right!

ISO/TC 211 Geographic information/ Geomatics Standards in Action Seminar June 04th, 2021

Peter Parslow, ISO/TC 211/AG 3 Programme Maintenance Group convenor

Or

"I've found a mistake: who do I tell? and how do I fix it"

New GitHub Standards Tracker

- https://github.com/ISO-TC211/StandardsTracker

Shout out to.... Knut Jetlund Greg Bohler (OGC)

Managing issues

Thanks, Greg!

- We have migrated all open & recent issues across

- Anyone with a GitHub account can raise an issue
  - on the old Standards Tracker, you needed to create an account
  - If you can't have a GitHub account, then email your issue to the Secretariat

- Tag it with the standard(s) or "new requirement"   **Blue labels**
  - And anything else you like…

technical   editorial

enhancement

general

Managing issues

- Programme Maintenance (PMG) will assign it to a group (and tag it for other groups, if relevant)

  Out of 285 issues, 160 belong to just two standards

- Working Groups will process it through new / in progress / resolved (in various ways) – using GitHub projects

- Note: some standards development projects will have their own (private) GitHub space – this one is for issues from 'the public'

Snapshot: WG4's issues in progress

Working group 4 – Geospatial services
Updated on 18 Mar

Filter cards | + Add ca

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5 New

WG4: Vertical references
#93 opened by isotc211
`New Requirement` `WG4` `technical`

WG4: Universal identification of ground geodetic stations
#95 opened by isotc211
`New Requirement` `WG4` `technical`

Error in class name PS_CoordinateTransferValues
#231 opened by isotc211
`19116` `WG4` `technical`

Change description title of "PS_ObservationMode"
#232 opened by isotc211
`19116` `WG4` `technical`

19119: Amend or remove the following url on page 63 (of 112): http://www.linked-usdl.org/
#353 opened by isotc211
`19119` `WG4` `general`

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0 IN_PROGRESS

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2 RESOLVED-DUPLICATE

WG4: Vertical references
#92 opened by isotc211
`New Requirement` `WG4` `technical`

WG4: Universal identification of ground geodetic stations
#94 opened by isotc211
`New Requirement` `WG4` `technical`

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1 RESOLVED-FIXED

WG4: ITRS and its realizations
#54 opened by isotc211
`New Requirement` `WG4` `technical`

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0 RESOLVED-INVALID

Time for a quick tour…

https://github.com/ISO-TC211/StandardsTracker/
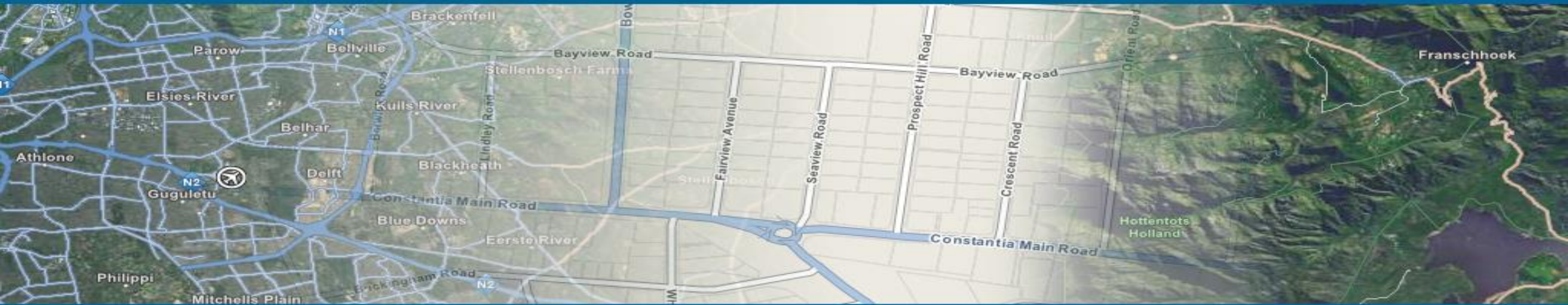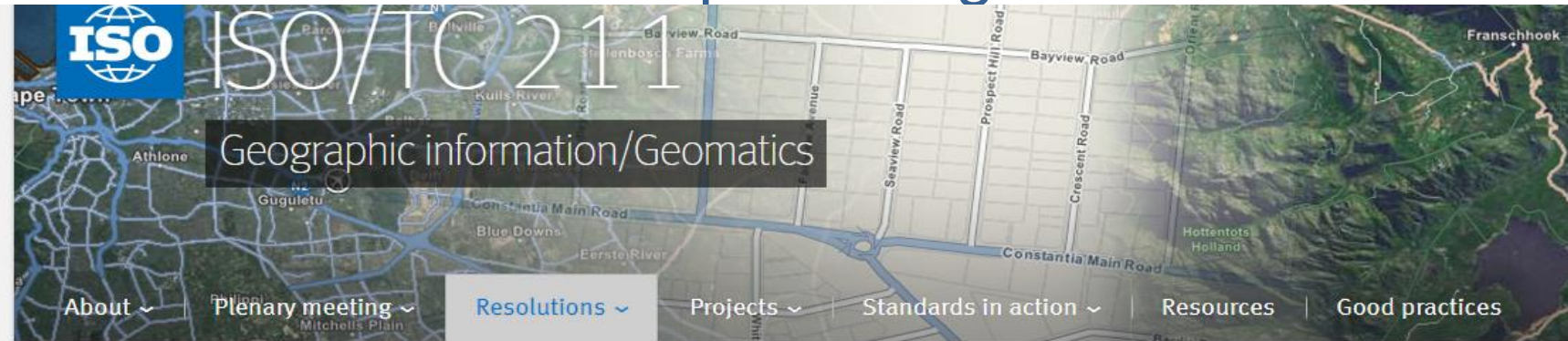
Helping you get involved

Or, "How can I help fix the problem?"

How do we work? TC211 "Good practice guide"

https://committee.iso.org/sites/tc211/home/resolutions/isotc-211-good-practices.html

Thanks, Mats!

ISO/TC 211 Good practices

Introduction to ISO/TC 211 Good practices resource

The purpose of this resource is to give accessible and relevant guidance on how to take part in developing standards in ISO/TC 211.

The target groups are:

- delegates representing Member countries or liaison organizations
- experts, i.e. the Working group convenors, project leads, project teams and editors

This Good practice gives information on:

- how to become an appointed delegate or expert
- how to register for groups
- how to register for meetings
- roles and responsibilities
- supporting systems
- the stages of standard development
- the standard document template, and practices within ISO/TC 211

The ISO directives, resources and publications form the basis and framework for the ISO/TC 211 Good practices resource. The ISO framework is extensive, and therefore ISO/TC 211 felt the need to create a customized resource to better meet the needs for the committee, and most important to collect and maintain the additional procedural resolutions and agreements within the committee.

ISO/TC 211 Good practices

General information

- Participation in ISO/TC 211 work

- Roles in committee work

Supporting Systems

- Use of ISO Documents

- Use of ISO Meetings

- Use of ISO Projects

- ISO/TC 211 Resources (link)

- Geographic information standards wiki

- Standard Tracker

Ways to get work Started

A standards life cycle

- Preliminary Stage - Preliminary Work Item

"Good practice guide"

- How to get involved & what the roles are
  - Delegates, experts
  - Project lead, editor, and team
  - Convenors
- Supporting IT systems
  - ISO documents, meeting portal, and project planner
  - TC211 resource site, wiki, and Standards Tracker

Good practice guide: Stages in the development of a standard

	a.k.a	Who? (mostly)
Preliminary	"Stage 0"	Country, liaison, working group,…
Proposal	NWIP (New work item proposal)	Country (mostly), PMG & WG convenor(s)
Preparatory	Working Draft (WD)	WG, project team
Committee	Committee Draft (CD)	Project team, Secretariat
Enquiry	DIS (Draft International Standard)	Project lead, Secretariat, ISO
Approval	FDIS (Final ….)	ISO, Project lead
Publication		ISO (Project lead)
Systematic Review		ISO, Secretariat, PMG, members,…

Ways to get work Started

A standards life cycle

- Preliminary Stage - Preliminary Work Item (PWI)

- Proposal Stage - New Work Item Proposal (NWIP)

- Preparatory Stage - Working Draft (WD)

- Committee Stage - Committee Draft (CD)

- Enquiry Stage - Draft International Standard (DIS)

- Approval Stage - Final Draft International Standard (FDIS)

- Publication Stage

- Systematic Review

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How to write an ISO document

- Links out to various ISO guidance
- Text, headings etc
- Figures (diagrams)
- UML
- XML
- OWL

- References, dependencies
- Conformance
- Backward compatibility
- URI pattern(s)
- ISO registers

Documentation guide

- Content of the document

- When do I add new content to my document

- Editing Committees

- Structure of URIs in ISO/TC 211 resources for implementation

- How to set up an ISO register based on ISO 19135

Resolution references

TC211 Good practice - evolves

- PMG own it; Mats (Committee Manager) does the work ☺

- Triggers for change:
  - TC211 resolution or ballot that is a "standing order" (how we do something)
  - "ISO Smart" and digital standards; TC211/OGC work on model driven documentation
  - Anyone can suggest something that should be covered,
  - …. Or simply a change of wording

- We want it to be clear and useful – to help you develop standards!

  https://committee.iso.org/sites/tc211/home/resolutions/isotc-211-good-practices.html