



ICA Commission activities

Anne Ruas & William Mackaness

August 2004



Agenda

- ✦ Overview on the ICA
- ✦ next ICA Research Workshop
- ✦ next ICA Tutorial Workshop
- ✦ ICA Generalisation book
- ✦ ICA web site



ICA : promote Cartography and GIS

✦ Association of National Cartographic Institutions

- each country = one institution, one vote (one fee)
 - for decisions : activities, directors, commissions, chairs, etc
- elections every 4 years (Durban 03 - Moscow 07)

✦ Structure (for 4 years)

- Director (Milan Konecny), 7 subdirectors (Bob McMaster, .)
- 20 commissions (chair(s), members)

✦ activities

- conference every 2 years, newsletter, several workshops (organised by commissions), publication (book, journal)



Our Commission (2003 - 2007)

☀ **'Generalisation and Multiple Representation'**


☀ **Term of reference** (ica.ign.fr)

- research and practical experience
- liaison with related commissions and working groups (e.g. ISPRS, IGU, EuroSDR),
- Web site for electronic dissemination of research,
- organise sessions and meetings workshops
- publications for dissemination of the above efforts

☀ **~ 1 workshop / year**

- 03 Paris, 02 Ottawa, 01 Beijing, 00 Barcelona ..

☀ **Business meeting every 2 years**

- 
- 🌟 Overview on the ICA
 - 🌟 **next ICA Research Workshop**
 - 🌟 **next ICA Tutorial Workshop**
 - 🌟 ICA Generalisation book
 - 🌟 ICA web site



8th Research Workshop

- ✦ Workshop = Associated with a conference but not a conference (we don't want to hear your paper twice!)
- ✦ Next WS : Place / time
 - before the ICA conference
 - at La Coruña - Spain
 - **Different papers from ICA conference papers**
 - **publication of some of the output in Cartographica**

Next ICA workshop July 2005

Monday 4/7	Tuesday 5/7	Weds 6/7	Thursday 7/7	Friday 8/7	Saturday 9/7	Sunday 10/7
			Research WS	Research WS	Social event	Tutorial
		ARRIVAL <u>Before 8pm</u>	Research WS	Research WS		
Monday 11/7	Tuesday 12/7	Weds 13/7	Thursday 14/7	Friday 15/7	Saturday 16/7	Sunday 17/7
ICA Conference 11-15 July 2005 La Coruña- Spain						



Proposed rules for the next workshop

✦ Invitation based on selection :

- submission of ‘discussion paper’ (2 pages only - 1Kwords)
- selection by a conference committee
 - some people will present
 - others are invited to actively participate

✦ constraints

- ~ 20 oral presentations, less than 50 persons
- more discussions
 - 12 topics = 3 sessions of 75 minutes, 4grps



Committees



Organising committee

- Sébastien Mustière and Cécile Duchêne
- William and Anne



Review committee : to do be defined later

ICA Tutorial

Monday 4/7	Tuesday 5/7	Weds 6/7	Thursday 7/7	Friday 8/7	Saturday 9/7	Sunday 10/7
			Research WS	Research WS	Social event	Tutorial
		ARRIVAL before 8pm	Research WS	Research WS		
Monday 11/7	Tuesday 12/7	Weds 13/7	Thursday 14/7	Friday 15/7	Saturday 16/7	Sunday 17/7
ICA Conference 11-15 July 2005 La Coruña- Spain						

ICA Tutorial 10 July 2005

☀ One day event

- organised by Wam&Anne .. and *we want your help in promoting and presentation*


☀ **Objective:**

- **Encourage new participants**
- **Broaden the theoretical contributions**

☀ **You are NOT invited! BUT Please promote:**

“All you ever wanted to know about generalisation but were afraid to ask!”

☀ follow the structure of the ‘ica book’

- 
- ☀ Overview on the ICA
 - ☀ next ICA Research Workshop
 - ☀ next ICA Tutorial Workshop
 - ☀ **ICA Generalisation book**
 - ☀ **ICA web site**



ICA Book support by ICA / Elsevier

✦ Project started in 1999

- editorial board : D Richardson, T Sarjakoski, R Weibel

✦ version 2 started in 2003

- editorial board :W Mackaness, A Ruas, T Sarjakoski

- Table of Content / authors defined (November 2003)

- 19 chapters, 26 authors, a review committee

- Current state :

- reception of most chapters version 1
- Beginning of review process

- objective : final version december 2004

☀ **Part 1** : generalisation needs, today

☀ **Part 2** : Main principles of generalisation

– *Conceptual Models of Generalisation and MR*

TS

– *Generalisation Operator*

RMcM, NR

– *modelling the generalisation process*

LH, RW

– *evaluation in generalisation process*

WM, AR

– *Database Requirements*

SM, JvS

☀ **Part 3** : Application

– *LBS; Open system, Way finding, Combining Gen. & MR, Network , Census data, 3D , MAS, Updating, production*



Web site : <http://ica.ign.fr>

☀ Today :

- ToR
- ‘Next Event’

☀ On going / to come

- Bibliography (Julien Gaffuri)
 - with some on-line articles
 - with some advice ‘to begin with’
- presentation of projects (1/2 page and a link)

☀ *Please send us information*



ICA workshop in 2006

- ✦ before a conference such as GIScience
- ✦ USA / Canada / Munich
- ✦ Joint workshop with another ICA Commission
 - Visualisation ?
 - Mobile ?



Suggestions - your comments please!

Define the topics for the next workshop

Advertise tutorial WS

Send information for the web site

Bibliography


Julien Gaffuri
Julien.gaffuri@ign.fr

Bibliography on Generalisation - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Adresse http://youpi/bibliography/biblio_intro.html OK

Bibliography on generalisation and multiple representation



Welcome to the bibliography web site. The purpose of this web site is to propose a large choice of bibliographic references dealing with map generalisation and multiple representation. If you are looking for papers about this theme, keep this URL among your favorites!

[Consult the bibliography](#)

[Add a new document](#)

This web site is connected to a database of bibliographic references (articles, books, journals, thesis...) you can consult through a search interface [here](#). The papers themselves are not always downloadable; the references are only available, but you can find some informations to obtain them (URL or people to contact). For more informations, you can see the UML schema of the database [here](#).

If you want to publish the reference of a paper you find interesting in this database, please send a mail [here](#). It take only a few minutes. The quality of the informations in this database depend on you too...

This web site is still under construction. We aim to finish it soon, around september 2004. Now it is only the skeleton of the future site to show how it will be. If you have some suggestions, send a [mail!](#)

Last update: 2004/07/22 - webmaster: julien.gaffuri@ign.fr

Terminé Intranet local

Search in the bibliography - Microsoft Internet Explorer

Fichier Edition Affichage Favoris Outils ?

Adresse http://youpi/bibliography/biblio_search.php OK

Search in the bibliography

46 references available, 60 authors.

Use the CTRL button to select several items, or to cancel one of them.

Key words

- Internet
- Knowledge
- Knowledge acquisition
- Landmarks
- Least-squares
- Line generalisation
- Measure

One of them (OR)
 All of them (AND)

Authors

- Anders
- Bader
- Baella
- Bard
- Barillot
- Barrault
- Beat

One of them (OR)
 All of them (AND)

Journal, conference or book

- GISDATA1 - GIS and generalization
- WS ICA generalization 2001
- WS ICA generalization 2003

Languages

- English
- French

Terminé Intranet local

Query the DB

Result - Microsoft Internet Explorer


Adresse http://youpi/bibliography/biblio_result.php





Bibliography

Your search:

Keywords	Measure
Languages	English
Year	Between 1985 and 2007

5 documents found.

Title	<i>Modelling constraints for polygon generalization</i>
Type	article
Author	Galanda Martin ,  Departement of geography, university of Zurich
Keywords	Categorical data generalisation, Constraint, Measure.
in	VS ICA generalization 2003
Pages	22
Language	English
Month	April
Year	2003

Title	<i>Quantitative and qualitative description of building orientation</i>
Type	article
Author	Duchêne Cécile ,  IGN France, COGIT laboratory Bard Sylvain IGN France, COGIT laboratory Barillot Xavier ,  IGN France, COGIT laboratory Ruas Anne ,  COGIT laboratory, IGN France, Paris Trevisan Jenny ,  IGN France, COGIT laboratory Holzapfel Florence IGN France, COGIT laboratory
Keywords	Orientation, Measure, Building generalisation.
in	VS ICA generalization 2003
Pages	10

http://youpi/bibliography/biblio_text_set.php?id_text_set=2 Intranet local

Result ..

Add data to the bibliography - Microsoft Internet Explorer

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Add data to the bibliography

To add a new document to the bibliography, complete the following text area and send it. (* for mandatory fields).

To have more description about the fields you have to fill, you can look at the [UML schema](#) of the data base.

Add a text

Title*

Type* other

Month *If needed. Else, keep it blank.*

Year* 1980

Language* *Select one of them...*
 ...or add a new one.

Chapter *If this text is a part of a book.*

Pages *If this text is a part of a text set.
Else, give the number of pages of the text.*

URL *To download the text.*

Note *Some additional information about the text.
For example, a way to get it.*

Abstract *Can be several languages.*

Intranet local

Add reference



Send **your TOP 10** to Julien Gaffuri

<http://ica.ign.fr>