

Integrative Information Management for Integrative Science : a workshop

IUFRO 6.03.00
All-Division 6 meeting, Saariselka
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integrative?

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integrative, *a.*

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(*ɪ*nˌtɪgrətɪv) [f. L. *integrat-*, ppl. stem (see [INTEGRATE](#) *v.*) + [-IVE](#).]

Having the quality of integrating; tending to integrate.

1862 [H. SPENCER](#) *First Princ.* II. xiii. §105 (1875) 304 This chapter opened by briefly specifying the conditions under which Evolution is integrative only. **1879** [W. E. HEARN](#) *Aryan Househ.* 262 Public opinion, and afterwards positive law, forbid that any Hellên, or any Quirite, should be reduced to slavery. But the integrative tendency went no further. **1906** [C. S. SHERRINGTON](#) (*title*) The integrative action of the nervous system. **1937** [see [DOMINATIVE](#) *a.* 1c]. **1937** [G. W. ALLPORT](#) *Personality* (1938) II. v. 138 Whatever condition makes for mental health is called 'integrative', whatever condition makes for mental difficulty is called 'disintegrative'. **1953** [J. S. HUXLEY](#) *Evolution in Action* iv. 91 What we may call integrative emotions, like love. **1957** [M. BANTON](#) *W. Afr. City* ix. 179 Up to this point the integrative effects of the companies have been stressed. **1967** *Amer. Pol. Sci. Rev.* LXI. 91 Far from finding a stagnation of integrative processes since 1958, I would argue that..European integration may have moved into full gear only since 1958. **1972** *World Archaeol.* III. 231 He [*sc.* V. G. Childe] saw culture as an essentially integrative device.

an holistic approach to information management

- We know where we want to go
- We're not there yet
- How can we speed up?

What it says on the box

- the benefits of an holistic approach to information management in areas including:
 - electronic resources – discovering and distributing data and information in multiple formats, supporting the Global Forest Information Service
 - capturing ephemeral information
 - indigenous knowledge and evidence based science
 - ontologies – linking ideas by context, vocabulary and classification
 - print collections – creating/searching institutional repositories and linking traditional libraries across related subject areas
 - information skills – developing user awareness and expertise in exploiting multiple resources
 - integrating information management activities within organizations – e.g. within IUFRO

What's in the box

- **Presentations:**
 - Repositories
 - Wikis and Web 2.0 stuff
- **Posters:**
 - GIS database on recreational potential and use
 - Web portal: experts, projects, grey literature, guidelines, reviews
 - Integrated information services

and: your views on...

1. Discovering what we know
2. Storing it
3. Organising it
4. Sharing it
5. Using it
 - to find new things that we didn't know and:
6. What are the implications for our organisations?

And the conclusion...

- Life will be much better!
- An action programme for 6.03
- An action programme for IUFRO
- An action programme for GFIS
- An action programme for...YOU

Timings

1. 1405: Discovering what we know
2. 1415: Storing it
3. 1445: Organising it
4. 1500: Sharing it
5. 1530: Using it
6. 1545: What are the implications for our organisations?

Discussion point 1 [1405-1415]

- ***Discovering what we know***
- How do you find information that you think must exist?
- What tools do you use?
- What methodologies do you use – consciously or unconsciously – when using them?
- What support/infrastructure do you need?

Discussion point 2 [1415-1445]

- ***Storing what we know***
- ***Presentation:*** Carla Heister [Institutional Repository—the New Library](#)
- Do you have access to an institutional repository?
- Do you/would you use it?
- Should deposit be compulsory?
- How would you search it/other repositories?
- Should depositors create metadata?

Discussion point 3 [1445-1500]

- ***Organising what we know***
- ***Poster:*** Claudio Fior, Giuseppe Notarangelo and Massimo Bianchi
www.ricercaforestale.it : the Italian web portal of the forest sector
- What are the problems in serving different communities – from scientists to the public?
- What skills and structures are needed?
- Who defines standards?
- How can we fund an ongoing service (as opposed to a project)?

Discussion point 4 [1500-1530]

- ***Sharing what we know***
- ***Presentation:*** Teppo Hujala, Jarmo Saarikko and Pekka Leskinen: [Collaborating in a wiki-way: a knowledge sharing solution for research networks](#)
- Is your organisation using/investing in social networks (e.g. Second Life?)
- Can we give corporate direction/editorial control when users edit the live environment?
- What role do traditional support depts (IT, library/information) have to play?
- How do we find information scattered across multiple social web applications? Better if one is dominant?

Discussion point 5 [1530-1545]

- ***Using what we know***
- ***Poster:*** Petri J. Shmeikka and Leena Kopperoinen: [GIS database on outdoor recreation opportunities in Finland](#)
- Can free/unmediated use of shared data lead to misinterpretation?
- Do the advantages of public access to publicly-funded research data outweigh the risks?
- Can we monitor/comment on use?
- Can we assess impact (as we can with journal articles by citation analysis?)

Discussion point 6 [1545-1600]

- ***What are the implications for our organisations?***
- ***Poster:*** Roger Mills [Developing integrated information services for bio- and environmental sciences: experiences at Oxford](#)
- Is it good for the left hand to know what the right hand is doing?
- Whose 'brain' is in control?
- How do we share best practice?
- Can we improve information flow/access in IUFRO? In our own organisations? To the public?

What next?

- You say....