



# DISSEMINATION PLAN – MONTH 24

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Deliverable D8.3.2

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<sup>1</sup> Integers correspond to submitted versions

## EXECUTIVE SUMMARY

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This deliverable is related to the activities of Task 8.1 Dissemination described in the Description of Work (DoW). This includes the subtasks:

- Set up and maintain the IQmulus project web site for open dissemination of project developments and results to the scientific community and general public;
- Develop a dissemination plan to coordinate the publication of scientific papers and presentations at international conferences, which is then updated regularly;
- Organize the project's outreach activities to the general public;
- Organize annual workshops (typically in conjunction with an important international conference in the field) on the main scientific IQmulus results.

It should be noted that the reporting on general dissemination activities in the second year of IQmulus is part of the Periodic Progress Report for the second year and that activities concerning the IQmulus User Group are covered in D8.4.2 (User Group Activities – Year 2), including the detailed activities concerning the project web site. This report concerns therefore the planned dissemination activities of the consortium.

The scientific dissemination to the research communities that the partners usually address is ongoing.

The second annual IQmulus workshops are planned as follows:

- The year 3 workshop is planned as part of the ISPRS Geospatial Week, 28 Sept-2 Oct, 2015, La Grande Motte, France.

A workshop is planned to take place back-to-back with the European Data Forum 2015, November 16-17, 2015 in Luxembourg, and a booth is planned in the exhibition area of the conference. This workshop will be in project year 4, but close in time to the year 3 workshop. However, the audience addressed will be the audience of EDF that is different from the audience at the ISPRS Geospatial Week.

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## 1 INTRODUCTION

This deliverable is related to the activities of Task 8.1 Dissemination described in the DoW. This includes the subtasks:

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The dissemination instruments described in the Description of Work and the overall status relative to each of these are listed below:

	<b>Status after Year 1</b>	<b>Status after Year 2</b>	<b>Plans for Year 3</b>	<b>Addressed in</b>
a) Website	Month 3	Augmented web-site	Improving contents	Section 2 and in detail in D8.4.2
b) Conferences/Workshops	5/12	Increased activity	Increased activity	Section 7
c) Journal articles	4 articles	Increased publication	Increased publication	Section 7
d) Direct dissemination	User workshops	User workshops	User workshops	D8.4.2
e) Training material	Too early	Too early		Planned M36
f) Processing contest	Started	Continuing	Continuing	D8.8.2
g) Collaboration with other projects	Ad-hoc	Increase focus	Direct cooperation	Progress Report
h) Other material	Initial hand-out	Augmented hand-out	Augmented hand-out	D8.1
i) Multimedia presentations	Too early	Too early	Too early	Planned M48
j) Articles and press releases (general public)	Two press releases (one press conference)	Gather material for articles, white paper	Articles, white paper	Section 7.7

The scientific dissemination to the research communities that the partners usually address is ongoing. Participation in the European Data Forum 2014 boosted dissemination to the European Big Data community. However, dissemination to the general public is only now being initiated.

## 2 THE IQMULUS WEB SITE

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The IQmulus web-site, <http://www.iqmulus.eu/>, was up and running as planned by the end of project month 3 containing general information on IQmulus. During the second year the web-site has been regularly updated. However, to get a more professional web presence IQmulus has subcontracted specialists to rebuild the web-site and give it a more modern and professional appearance and structure. See D8.4.2 for more details.

## 3 SOCIAL MEDIA

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The LinkedIn group of IQmulus <https://www.linkedin.com/groups?gid=7470531> has by the end of year 2 been changed to an open group to increase its audience as an invitation is no longer required to join the group. The target of the group is now the general audience and not only the User Group of IQmulus.

The web-site of IQmulus contains comprehensive information on all aspects of IQmulus. The LinkedIn group will be used to announce events, start general discussions and guide the members of the LinkedIn group to different sections of the IQmulus web-site. By announcing in the LinkedIn group frequently the contents of the different parts of the IQmulus web-site will show an active IQmulus LinkedIn group and guide the group members into the information on the IQmulus web-site.

## 4 ANNUAL WORKSHOPS

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In IQmulus we have planned annual scientific workshops from project year 2 onwards. The first such workshop took place in Cardiff, UK on July 8, 2014. The workshop was organized back-to-back with the Symposium on Geometry Processing, a Eurographics symposium in cooperation with ACM SIGGRAPH, one of the premier venues for the geometry processing community. For details on this workshop see D8.6.1.

The second IQmulus workshop "GeoBigData" will take place during the ISPRS Geospatial Week, September 28 – October 2, 2015, La Grande Motte, France. The results of the IQmulus processing contest year 3 is planned to be presented during the event. The chair of the steering committee of the ISPRS Geospatial Week is Nicolas Paparoditis (IGN) and Clément Mallet (IGN) is member of the steering committee as well. It is expected that IQmulus will have a high visibility during the whole of the ISPRS Geospatial Week, and presentations are also planned for other sessions/workshops of the ISPRS Geospatial Week. <http://www.isprs-geospatialweek2015.org/index.html>

## 5 THE EUROPEAN DATA FORUM 2015

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IQmulus was a sponsor and presented with a poster at the European Data Forum 2014 March 19-20, 2014 in Athens, Greece. Papers were proposed for the European Data Forum 2014 in Athens (in project month 17) but not selected to be included in the event program.

A workshop is planned to take place back-to-back with the European Data Forum 2015, November 16-17, 2015 in Luxembourg, and a booth is planned in the exhibition area of the conference. This workshop will be in project year 4, but close in time to the year 3 workshop. However, the audience addressed will be the audience of EDF that is different from the audience at the ISPRS Geospatial Week addressed in Section 4.

## 6 TARGET GROUPS FOR DISSEMINATION

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In the Description of Work the following target groups for dissemination are identified as shown in the table below.

<b>Audience</b>	<b>Interest</b>	<b>Channels</b>
Policy Makers	Awareness raising of the type of products that can now be developed, Press Releases	Press Release, Website
Technical Users	The capability to develop products across a large geospatial area	Product Information Sheets, Conferences, Social media (LinkedIn Group), Website
Information Scientists	Advancement and discussion of the state of the art in respect of point cloud processing	Journal papers, Conferences
Data providers	Capability of new services to consume their data, giving justification to provide more data	Conference, Social media (LinkedIn Group), Website
Media	The ability to create large area products in reduced time will be of interest to the media who frequently need products such as a 'risk map' at short notice	Social Media – LinkedIn, Articles in popular science press, Website, project video, participation in events targeted at the general public for the popularization of science, appearances in popular science TV shows (if possible)

## 7 DISSEMINATION PLAN

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The target of a major part of the dissemination is the IQmulus User Group, which is described in D8.4.2 (User Group Activities). Consequently dissemination to the user group is not further addressed in this deliverable

The dissemination activities already performed during the first project year were reported in the Month 12 Progress Report and the dissemination activities in the second year will be reported in the Month 24 Progress Report. This section thus relates primarily to the planned dissemination in project year 3 (November 1, 2014 to October 31, 2015).

IQmulus covers a wide spectrum of research domains; consequently it is natural to target dissemination at multiple research domains to reach a wide audience for the IQmulus results.

### 7.1 PUBLICATION OF PAPERS

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We expect that numerous papers will be produced by the IQmulus partners, and we have currently the mechanism for Notification of Dissemination (for IPR purposes) to assemble related information beforehand.

In D8.3.1 and the first Periodic Report four papers were reported as published in the first year of IQmulus, this is now corrected to 5 papers. In the second year, 9 papers are reported as published and 3 papers are in the publishing pipeline and will appear in year 3. One additional paper is already announced in the database for Notification of future dissemination. However, note that such notification is only due 45 days before the actual dissemination takes place.

## 7.2 PLANNED BOOK AND SPECIAL ISSUE

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A book "Heterogeneous Spatial Data: Fusion, Modelling, and Analysis for GIS applications" is going to be published, the lead partner for this is CNR-IMATI-GE. For details, please see D4.1.3.

Resulting from the year 2 IQmulus workshop, a special issue on Processing Large Geospatial Data is being prepared for the journal Computers & Graphics under the leadership of CNR-IMATI-GE, UCL and TUDelft. It is expected to appear on April 2, 2015.

## 7.3 DISSEMINATION AT BIG DATA EVENTS

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IQmulus participated with a poster at the European Data Forum (EDF, <http://www.data-forum.eu/>) in Athens in March 2014 and sponsored the event. The next EDF takes place in Luxembourg November 16-17, 2015 (the first month of the fourth project year of IQmulus). We plan to have a booth in the exhibition area, and to organize a workshop back-to-back with EDF either the day before or the day after. For the workshop also other Big Data projects will be invited to stimulate collaboration and clustering between Big Data projects.

The year 3 workshop "GeoBigData" is planned as described in Section 4 as part of the ISPRS Geospatial Week, 28 Sept-2 Oct, 2015, La Grande Motte, France. <http://www.isprs-geospatialweek2015.org/index.html>.

Other plans for year 3 are:

- FOMI will participate in the 2014 Conference on Big Data from Space (BiDS '14), November 12-14, 2014, with a planned presentation on FOMI's Earth Observation / Remote Sensing-related developments in IQmulus. <http://congrexprojects.com/2014-events/BigDatafromSpace/introduction>
- Fraunhofer will participate in the UCC 2014 - 7th IEEE/ACM International Conference on Utility and Cloud Computing, December 8-11, 2014, London UK, see <http://computing.derby.ac.uk/ucc2014/>.
- Fraunhofer plans to participate in the Exhibition at Cebit 2015 March 16-20, 2015 in Hannover.
- Fraunhofer will participate at Intergeo 2015, September 15-17, 2015, Stuttgart, Germany. <http://www.intergeo.de/intergeo-en/index.php>

## 7.4 DISSEMINATION AT COMPUTER GRAPHICS EVENTS

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IQmulus will participate at:

- SIGGRAPH ASIA December 3-6, 2014 in Shenzhen, China. IQmulus partner CNR-IMATI-GE will present papers acknowledging IQmulus and distribute IQmulus information material. <http://sa2014.siggraph.org/en/>
- VisWeek 2014, November 9-12, in Paris. Fraunhofer is present with an exhibition booth showing a demonstrator related to IQmulus. <http://ieeevis.org/>

There are four major annual events that are under consideration for the submission of papers:

- EUROGRAPHICS 2015, Zurich, Switzerland, May 4-8, 2015. Expected 500 participants. <http://www.eurographics2015.ch/>  
Representation through our partner CNR-IMATI-GE
- SIGGRAPH 2015, Los Angeles, USA, August 9-13, 2015. Expected 2000 participants. <http://www.siggraph.org/attend/events/siggraph-2014>  
Representation through our partner CNR-IMATI-GE
- Fraunhofer will represent IQmulus at EuroVis 2015, Cagliari, Italy, May 25-29, 2015.
- Fraunhofer will represent IQmulus at VisWeek 2015, Chicago, USA, October 25-30 2015.

As both events are renowned and very competitive, there is no guarantee that a submitted paper will be accepted.

There are also plans by partner Fraunhofer to participate in:

- Web3D 2015, Crete, Greece, June 18-22, 2015, <http://web3d2015.web3d.org/>
- The exhibition of Cebit 2015, Hannover, March 16-20, 2015
- Intergeo 2015 (Decided), September 15-17, 2015, Stuttgart, Germany. <http://www.intergeo.de/intergeo-en/index.php>

## 7.5 DISSEMINATION AT COMPUTATIONAL GEOMETRY EVENTS

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Computational geometry events where IQmulus considers participating:

- 6th International Workshop 3D-ARCH'2015: 3D Virtual Reconstruction and Visualization of Complex Architectures , 25-27 February 2015, Avila, Spain (Jan Boehm, UCL is co-organizer). [http://www.3d-arch.org/3darch\\_main.html](http://www.3d-arch.org/3darch_main.html)
- Shape Modeling International (SMI) 2015, Lille France, June 24-26,2015 (IMATI is co-organizer of the event). <http://www-rech.telecom-lille.fr/smi2015/>
- Eurographics Symposium on Geometry Processing 2015, Graz, Austria, July 6-8, 2015, <http://www.geometrie.tugraz.at/sgp2015/people.php>
- Participation a mini-symposium at ICIAM 2015 in Beijing, August 10-15,2015 with a presentation on the LR-spline representation of geospatial Big Data (SINTEF). <http://www.iciam2015.cn/>
- IQmulus intends to have a good footprint at the SIAM Conference on Geometric and Physical Modelling, expected to take place in November 2015. The idea is to organize mini-symposia addressing big data in Computer Aided Geometric Design and GIS applications, and to contribute to the traditional forward looking session mini-symposium (SINTEF).

- The French-Norwegian series of Conferences on Curves and Surface 2016, the next event expected in June/July 2016 (SINTEF).

## 7.6 DISSEMINATION AT REMOTE SENSING EVENTS

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The following activities are planned:

- ISPRS Innsbruck Summer School of Alpine Research 2015, Close Range Sensing Techniques in Alpine Terrain, 05-11 July 2015, Obergurgl, Austria. Audience 45 PhD students , 10 lectures. Roderik Lindenbergh (Roderik Lindenberg, TUDelft is one of the organizers.) <http://www.uibk.ac.at/geographie/summerschool/>.
- ISPRS Laser Scanning Workshop, La Grande Motte, France, part of the ISPRS Geospatial Week, 28 Sept-2 Oct, 2015. Expected 100 participants. (Roderik Lindenberg, TUDelft co-chairing). <http://www.isprs-geospatialweek2015.org/index.html>.
- MOLAS Technology workshop, November 26 - 27, 2014, Freiburg, Germany, TUDelft Invited presentation. <http://www.ipm.fraunhofer.de/en/tradefairs-events/molas-workshop-2014.html>  
Intergeo 2015, Stuttgart Germany, September 15-17, 2015 is planned attended by Fraunhofer. <http://www.intergeo.de/intergeo-en/index.php>
- MOSS plans to participate at Annual meeting of the German Society for Photogrammetry, Remote Sensing and Geoinformation: "Bridges Scales", Marc 16-18, 2015, cologne, Germany, <http://www.dgpf.de/con/jt2015.html>

## 7.7 DISSEMINATION AT GIS EVENTS

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GIS related events where IQmulus plans participating:

- The year 3 workshop "GeoBigData" is planned as part of the ISPRS Geospatial Week, 28 Sept-2 Oct, 2015, La Grande Motte, France. <http://www.isprs-geospatialweek2015.org/index.html>
- UCL will participate with a booth including a IQmulus poster at GEO Business 2015, May 27-28, 2015 in London. <http://geobusinessshow.com/>
- Participation by IGN and FÖMI is planned at International Geoscience and Remote Sensing Symposium 2015 (IGARSS 2015), July 26-31, 2015, Milan, Italy. The participants are typically International, members of the geoscience and remote sensing community. Contribution: Oral presentation, poster. <http://www.igarss2015.org/>
- FOMI plans to participate in two GIS events in Hungary.
  - VI. National GIS Conference and Exhibition, University of Debrecen, Hungary, May 2015. (Decided) The international audience is expected to be a combination of government, data providers, and education, with typically 150 to 200 participants. Contribution: Oral presentation, poster.
  - Fény-Tér-Kép Conference (Decided), Károly Róbert University Collage, Gyöngyös, Hungary, July 22-24, 2015. The audience will be International, members of the geoscience and remote sensing community, with typically 100 persons participating from the scientific community dealing with methodological innovations as well as from the application sectors related to multitemporal data and analysis of time series. Contribution: Oral presentation, poster. 8th International Workshop on the Analysis of Multitemporal Remote Sensing Images (Multitemp 2015), LISTIC, University of Savoie, France, scientific community dealing with methodological innovations as well as from the application sectors related to multitemporal data and

analysis of time series. Contribution: Oral presentation, poster.  
<http://multitemp2015.org/>

- Fraunhofer planes to attend:
  - The exhibition of Cebit 2015, Hannover, March 16-20, 2015
  - INSPIRE conference 2015 and Geospatial World Forum, May 25-29, 2015, Lisbon, Portugal. <http://www.geospatialworldforum.org/>
  - Intergeo 2015 (Decided), September 15-17, 2015, Stuttgart, Germany. <http://www.intergeo.de/intergeo-en/index.php>
- MOSS plans to participate at Annual meeting of the German Society for Photogrammetry, Remote Sensing and Geoinformation: "Bridges Scales", Marc 16-18, 2015, cologne, Germany, <http://www.dgpf.de/con/jt2015.html>

## 7.8 OTHER DISSEMINATION

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IQmulus will participate with a booth at the CPExpo 2014 & SRC Security Research Conference 2014, Genoa, Italy December 9-11, 2014, coordinated by CNR-IMATI-GE.,

Regione Liguria is invited to participate as speaker in one of the Thematic Sessions of CPExpo 2014, Genova, Italy, 9-11 December 2014, see <http://www.centrocongressigenova.it/cp-expo-2014/>.

## 8 OUTREACH TO THE GENERAL PUBLIC

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We distinguish between two levels of the general public:

- The part of the public that work with technology and have a general interest in technology.
- The overall general public including citizens with no special interest in technology.

Both levels are considered target groups as it is fairly simple to explain to those with no special interest in technology that efficient handling of big geospatial data is important for the society in general.

The website has been the main channel for dissemination to the general public in the first and second year of IQmulus, disseminating the general idea of IQmulus. The web presence is currently being upgraded. The web-site will be complemented by the LinkedIn group, see Section 3.

We still plan to publish a white paper in the third project year, and prepare material for use in the general technical press.

## 9 CONCLUSION

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The scientific dissemination to the research communities that the partners usually address is ongoing. Participation in the European Data Forum 2014 and the first IQmulus workshop has boosted dissemination. Dissemination to the general public is still primarily through the web-site and is now being upgraded.