

TELEIOS

FP7-257662



Deliverable

D10.2

TELEIOS Web Site

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and

Consortium Partners

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Executive Summary

Web presence is a central element in the dissemination activities of the TELEIOS Project. This document describes the structure, the content, and the update process for the TELEIOS project public website. The actual website is available at: www.earthobservatory.eu.

Document Information

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EU Project officer	Francesco Barbato		

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Responsible Partner	NKUA				
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Project Information

This document is part of a research project funded by the IST Programme of the Commission of the European Communities as project number FP7-257662. The beneficiaries in this project are the following:

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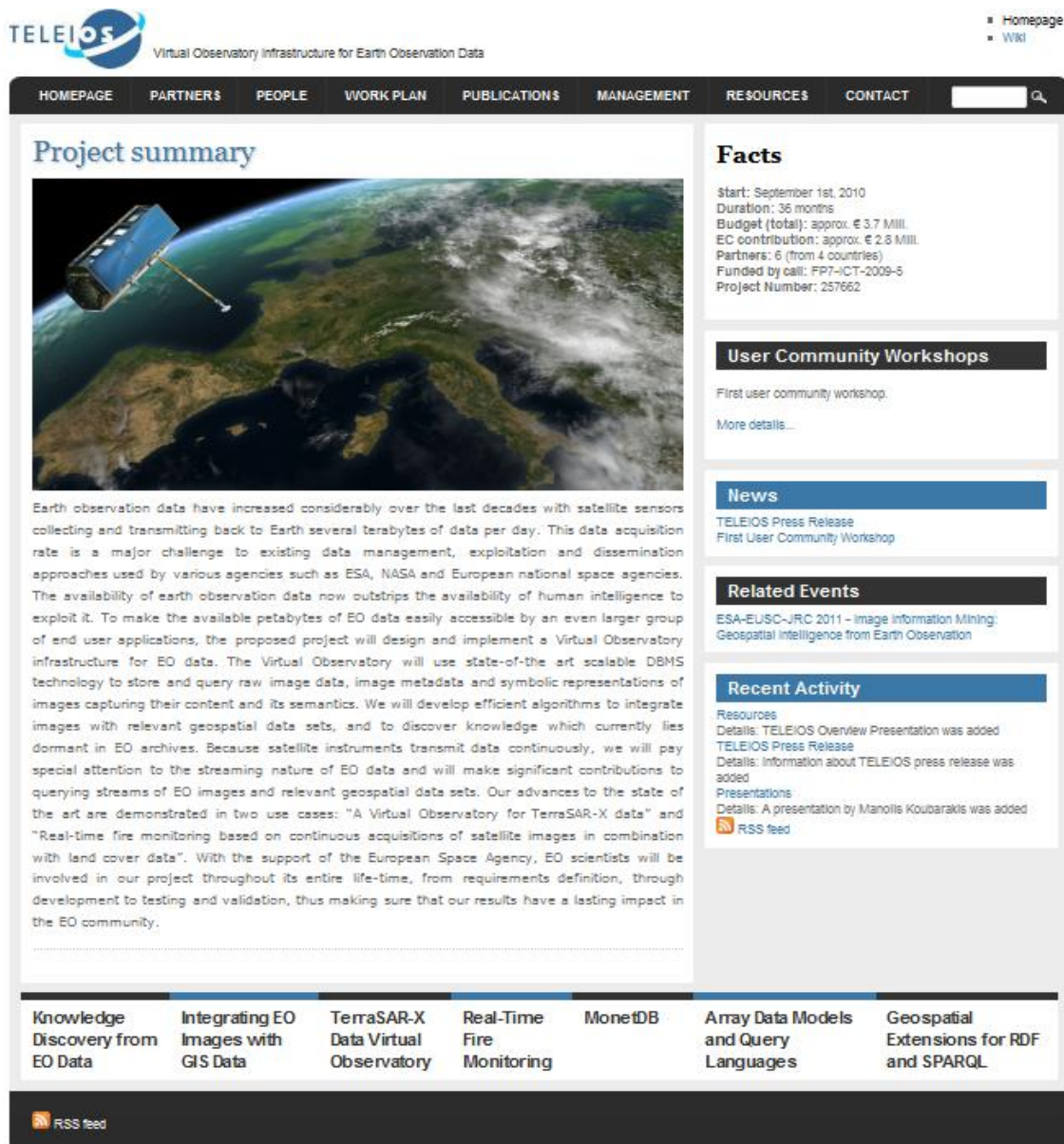
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1. Design and implementation

The TELEIOS public website (www.earthobservatory.eu) was designed and implemented by NKUA, the coordinating partner of the project, based on the open source [Drupal](http://drupal.org) content management platform. The appearance of the website reflects the public image of the project through a clean, functional design and a simple logo. The website design and content follows exactly the relevant specifications of WP10 “Dissemination and exploitation of results”.

2. Preview

The following is a preview of the TELEIOS public website at the time of the writing of this document.



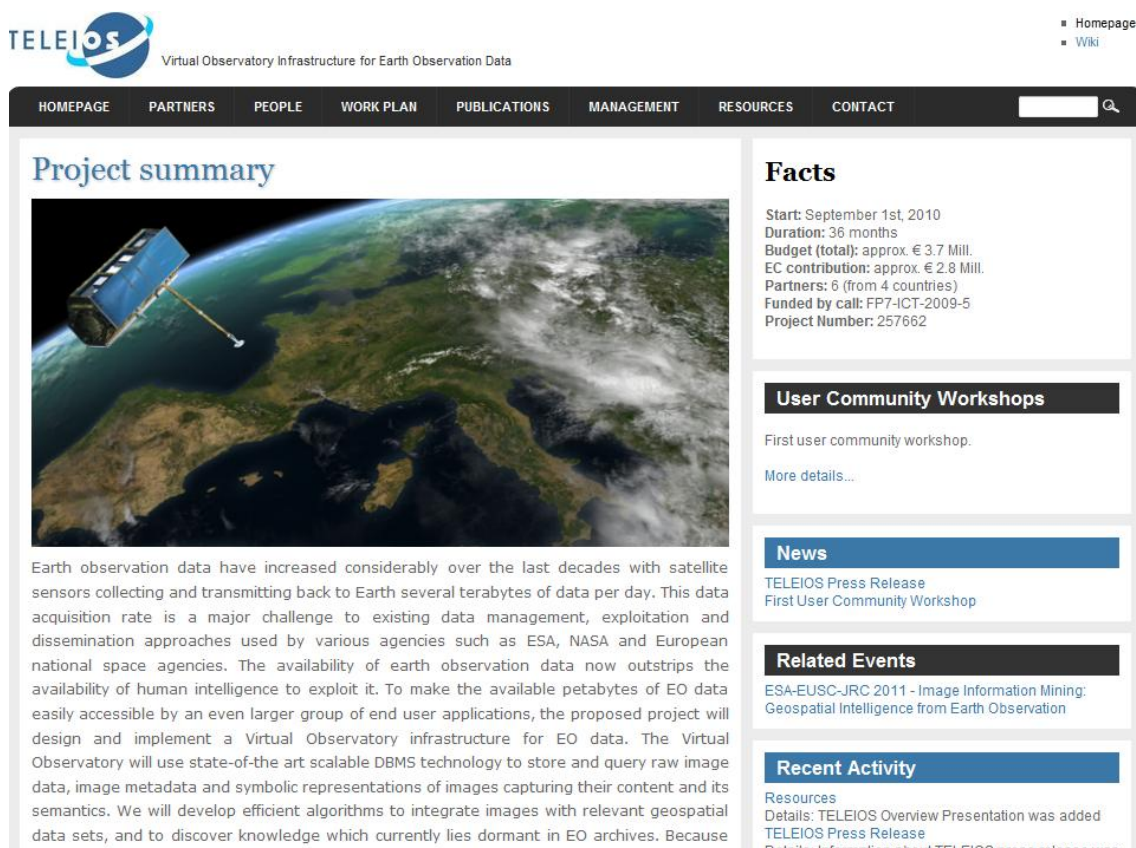
The screenshot shows the TELEIOS website interface. At the top left is the TELEIOS logo and the tagline "Virtual Observatory Infrastructure for Earth Observation Data". A navigation menu includes: HOME PAGE, PARTNERS, PEOPLE, WORK PLAN, PUBLICATIONS, MANAGEMENT, RESOURCES, CONTACT, and a search box. The main content area features a "Project summary" section with an image of a satellite and a detailed text description of the project's goals and infrastructure. To the right, there are several sidebar sections: "Facts" (listing start date, duration, budget, etc.), "User Community Workshops", "News", "Related Events", and "Recent Activity". At the bottom, there is a row of seven topic-based links: Knowledge Discovery from EO Data, Integrating EO Images with GIS Data, TerraSAR-X Data Virtual Observatory, Real-Time Fire Monitoring, MonetDB, Array Data Models and Query Languages, and Geospatial Extensions for RDF and SPARQL. An RSS feed icon is also present in the bottom left corner.

3. Content of the website

The content of the website is divided in the following eight main categories that appear in the header of all web pages.

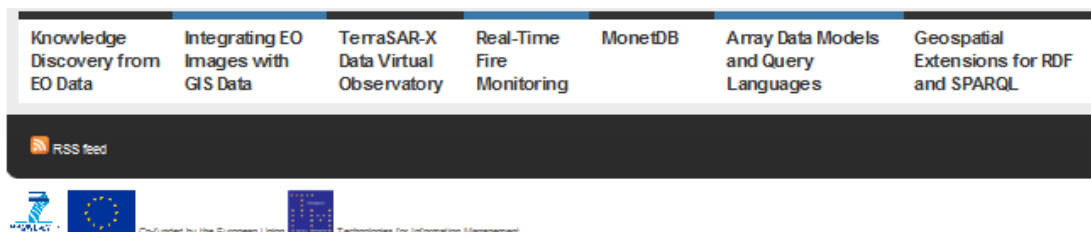
3.1. Homepage

The homepage shown below summarizes the high-level goals and objectives of the project in an easy to understand language. It also informs the reader that the project is funded by the European Commission's 7th Framework Program, and displays the generic European flag and FP7 logo, as well as links to important activities of the project: user community, workshops, related events etc.



The screenshot shows the TELEIOS website homepage. At the top left is the TELEIOS logo with the tagline "Virtual Observatory Infrastructure for Earth Observation Data". To the right are links for "Homepage" and "Wiki". A navigation menu includes: HOME PAGE, PARTNERS, PEOPLE, WORK PLAN, PUBLICATIONS, MANAGEMENT, RESOURCES, CONTACT, and a search bar. The main content area features a "Project summary" section with an image of a satellite and a text block describing the project's goals. To the right is a "Facts" section with project details: Start: September 1st, 2010; Duration: 36 months; Budget (total): approx. € 3.7 Mill.; EC contribution: approx. € 2.8 Mill.; Partners: 6 (from 4 countries); Funded by call: FP7-ICT-2009-5; Project Number: 257662. Below this are sections for "User Community Workshops", "News" (listing a press release and workshop), "Related Events" (listing an ESA-EUSC-JRC event), and "Recent Activity" (listing resources and press releases).

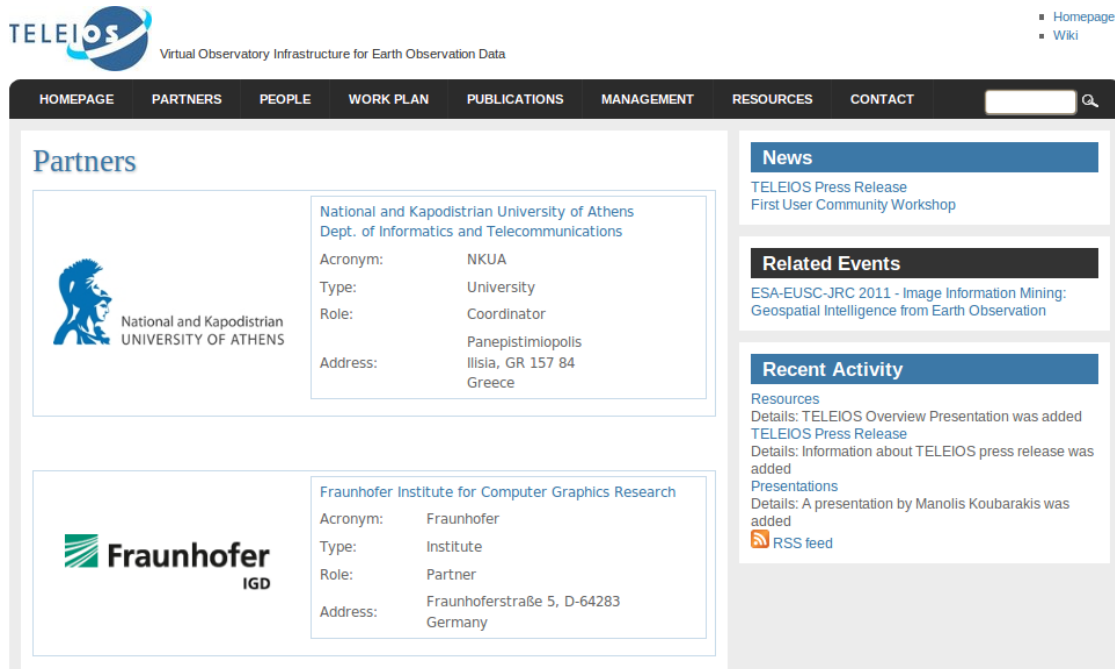
The bottom of the page allows the visitor to browse the main areas of research contribution of the project: knowledge discovery from EO data, integrating EO images with GIS data, terraSAR-X data virtual observatory, real-time fire monitoring, monetDB, array data models and query languages, geospatial extensions for RDF and SPARQL.



This block shows a row of seven project contribution areas: Knowledge Discovery from EO Data, Integrating EO Images with GIS Data, TerraSAR-X Data Virtual Observatory, Real-Time Fire Monitoring, MonetDB, Array Data Models and Query Languages, and Geospatial Extensions for RDF and SPARQL. Below this is an RSS feed icon and a footer containing the FP7 logo, the European Union flag, and the text "Co-funded by the European Union" and "Technologies for Information Management".

3.2. Partners

The “Partners” webpage shown below presents the list of the TELEIOS partners displaying contact information, logos, and links to their institutional website.



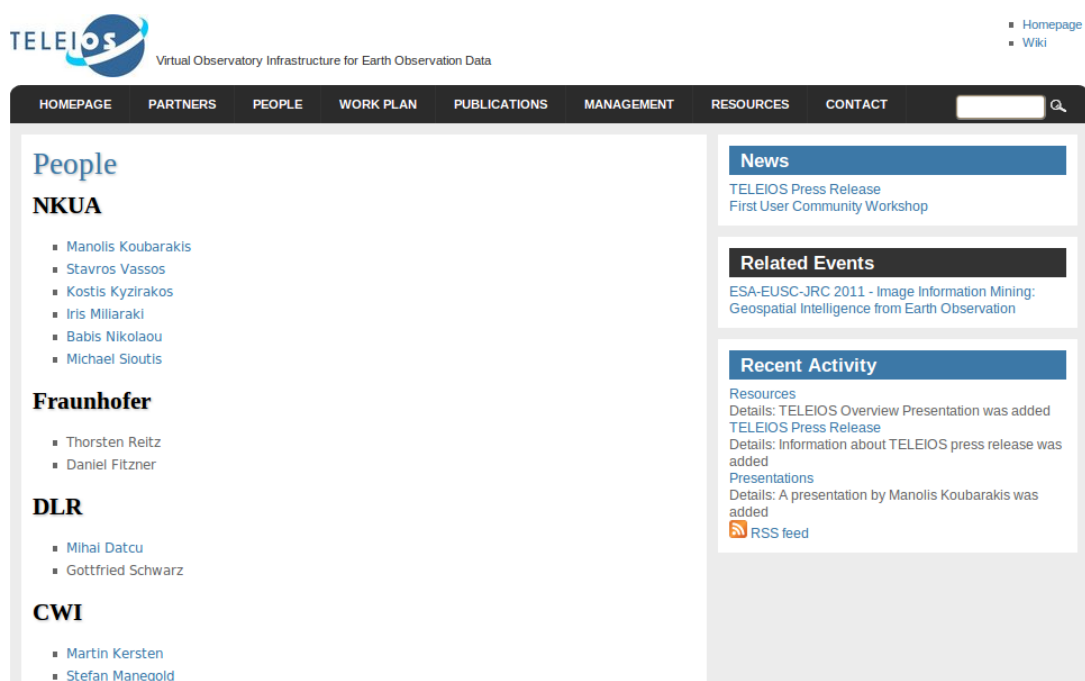
The screenshot shows the TELEIOS website's 'Partners' page. The header includes the TELEIOS logo and the tagline 'Virtual Observatory Infrastructure for Earth Observation Data'. A navigation menu contains links for HOME PAGE, PARTNERS, PEOPLE, WORK PLAN, PUBLICATIONS, MANAGEMENT, RESOURCES, and CONTACT. The main content area is titled 'Partners' and features two partner profiles:

- National and Kapodistrian University of Athens**: Dept. of Informatics and Telecommunications. Acronym: NKUA. Type: University. Role: Coordinator. Address: Paneplistimiopolis, Ilisia, GR 157 84, Greece.
- Fraunhofer IGD**: Fraunhofer Institute for Computer Graphics Research. Acronym: Fraunhofer. Type: Institute. Role: Partner. Address: Fraunhoferstraße 5, D-64283, Germany.

On the right side, there are three sidebar sections: 'News' (TELEIOS Press Release, First User Community Workshop), 'Related Events' (ESA-EUSC-JRC 2011 - Image Information Mining: Geospatial Intelligence from Earth Observation), and 'Recent Activity' (Resources, Presentations, and an RSS feed link).

3.3. People

The “People” webpage shown below introduces the individual contributors to the project grouped by their partners institution and provides links to their professional webpage for those that have one.



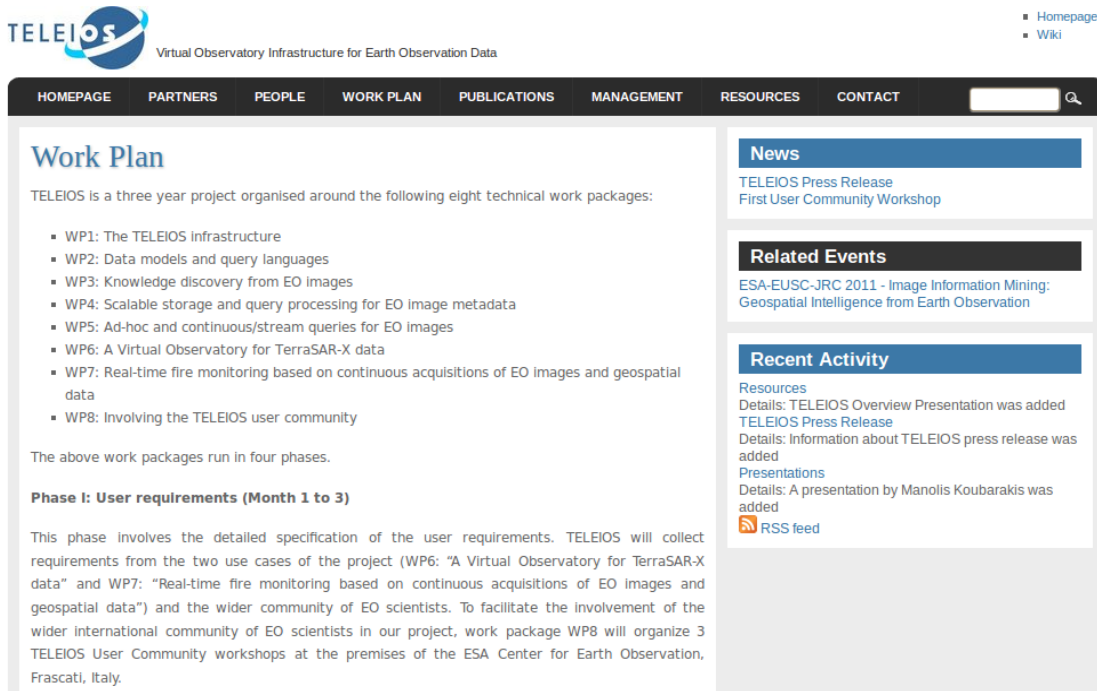
The screenshot shows the TELEIOS website's 'People' page. The header is identical to the Partners page. The main content area is titled 'People' and lists contributors grouped by institution:

- NKUA**:
 - Manolis Koubarakis
 - Stavros Vassos
 - Kostis Kyzirakos
 - Iris Millaraki
 - Babis Nikolaou
 - Michael Sioutis
- Fraunhofer**:
 - Thorsten Reitz
 - Daniel Fitzner
- DLR**:
 - Mihal Datcu
 - Gottfried Schwarz
- CWI**:
 - Martin Kersten
 - Stefan Manegold

The right sidebar is also identical to the Partners page, showing News, Related Events, and Recent Activity sections.

3.4. Work Plan

The “Work Plan” webpage shown below describes how the TELEIOS project is organized around work packages and further elaborates the logical organization of the project in phases of research and development.



The screenshot shows the TELEIOS website's 'Work Plan' page. The header includes the TELEIOS logo and navigation links: Home, Partners, People, Work Plan, Publications, Management, Resources, and Contact. The main content area is titled 'Work Plan' and contains the following text:

TELEIOS is a three year project organised around the following eight technical work packages:

- WP1: The TELEIOS infrastructure
- WP2: Data models and query languages
- WP3: Knowledge discovery from EO Images
- WP4: Scalable storage and query processing for EO image metadata
- WP5: Ad-hoc and continuous/stream queries for EO Images
- WP6: A Virtual Observatory for TerraSAR-X data
- WP7: Real-time fire monitoring based on continuous acquisitions of EO Images and geospatial data
- WP8: Involving the TELEIOS user community

The above work packages run in four phases.

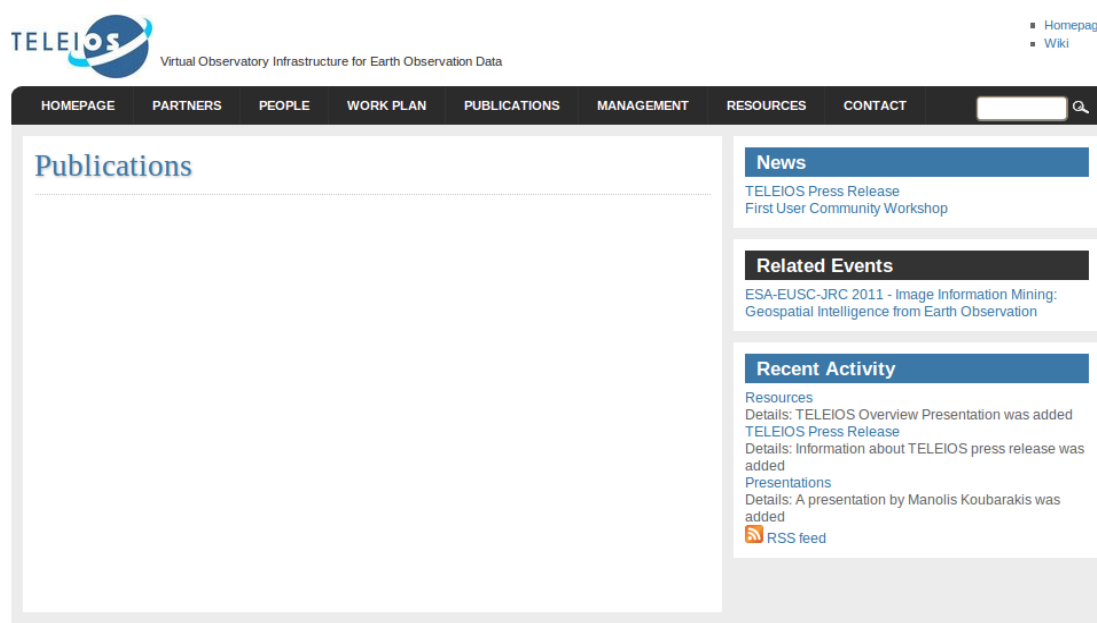
Phase I: User requirements (Month 1 to 3)

This phase involves the detailed specification of the user requirements. TELEIOS will collect requirements from the two use cases of the project (WP6: “A Virtual Observatory for TerraSAR-X data” and WP7: “Real-time fire monitoring based on continuous acquisitions of EO images and geospatial data”) and the wider community of EO scientists. To facilitate the involvement of the wider international community of EO scientists in our project, work package WP8 will organize 3 TELEIOS User Community workshops at the premises of the ESA Center for Earth Observation, Frascati, Italy.

On the right side of the page, there are three sidebar sections: 'News' (listing 'TELEIOS Press Release' and 'First User Community Workshop'), 'Related Events' (listing 'ESA-EUSC-JRC 2011 - Image Information Mining: Geospatial Intelligence from Earth Observation'), and 'Recent Activity' (listing 'Resources', 'Presentations', and an 'RSS feed' link).

3.5. Publications

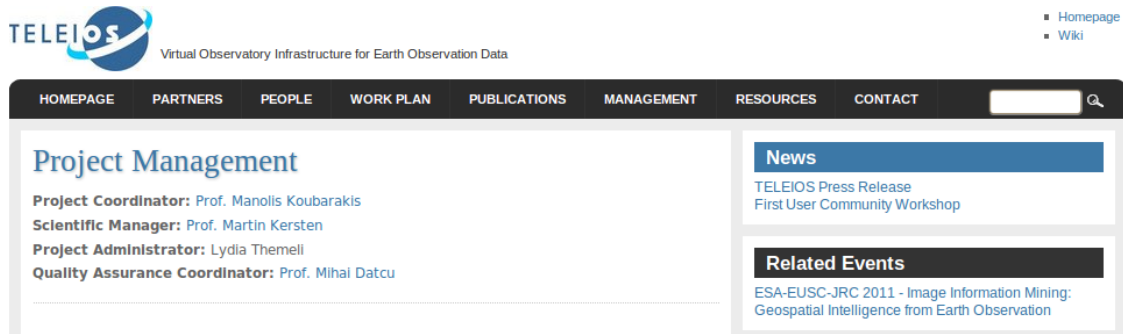
The “Publications” webpage shown below lists all scientific publications related to the project beginning with the most recent publication. A link to the full paper will be provided when possible depending on copyright permissions.



The screenshot shows the TELEIOS website's 'Publications' page. The header is identical to the previous screenshot. The main content area is titled 'Publications' and is currently empty. The right sidebar is also identical to the previous screenshot, showing 'News', 'Related Events', and 'Recent Activity' sections.

3.6. Management

The “Management” webpage shown below displays the names of the project coordinator, the scientific manager, the project administrator, and the quality assurance coordinator, and provides links to their professional webpages.



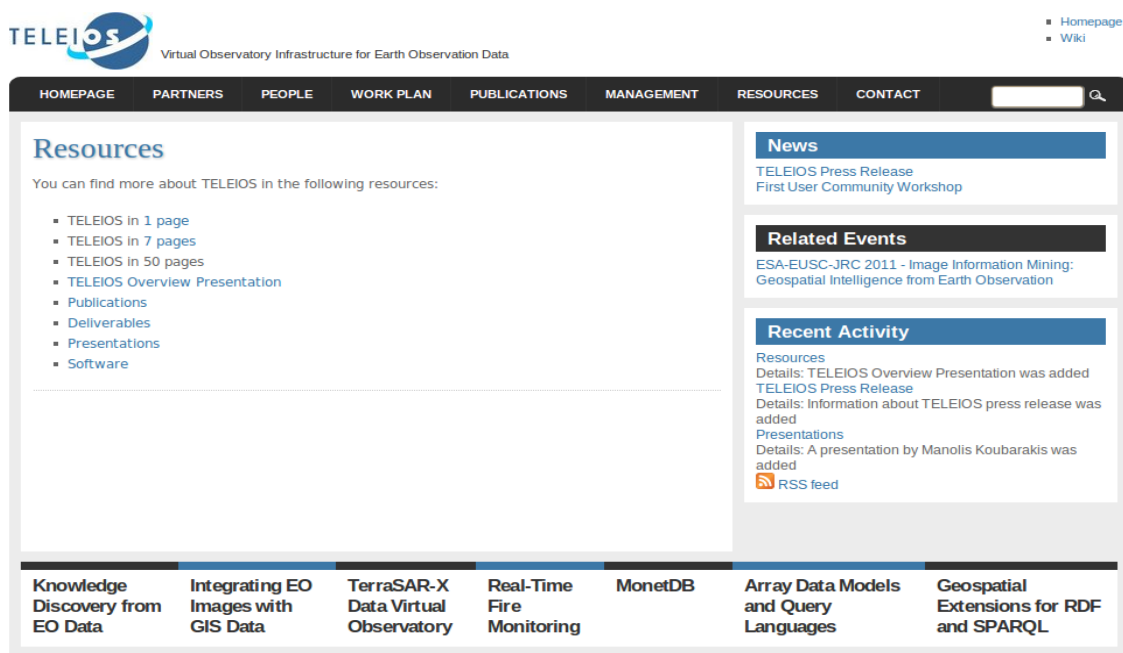
The screenshot shows the TELEIOS website's Management page. At the top left is the TELEIOS logo and the tagline "Virtual Observatory Infrastructure for Earth Observation Data". On the top right, there are links for "Homepage" and "Wiki". A navigation bar contains links for "HOMEPAGE", "PARTNERS", "PEOPLE", "WORK PLAN", "PUBLICATIONS", "MANAGEMENT", "RESOURCES", and "CONTACT". The main content area is titled "Project Management" and lists the following roles and names:

- Project Coordinator:** Prof. Manolis Koubarakis
- Scientific Manager:** Prof. Martin Kersten
- Project Administrator:** Lydia Themell
- Quality Assurance Coordinator:** Prof. Mihai Datcu

On the right side of the page, there are two sections: "News" with links to "TELEIOS Press Release" and "First User Community Workshop", and "Related Events" with a link to "ESA-EUSC-JRC 2011 - Image Information Mining: Geospatial Intelligence from Earth Observation".

3.7. Resources

The “Resources” webpage shown below provides immediate access to the TELEIOS flyer, the TELEIOS overview paper, the TELEIOS overview presentation and proposed work plan, as well as to all public deliverables, presentations, publications, and information about the software that is used. For all deliverables that are not public, it will include a description and provide a point of contact for obtaining more information. Moreover, the software section will provide links to publicly available software repositories and documentation by means of textual documents and screencasts of professional quality illustrating how to download, install, and operate all software components.



The screenshot shows the TELEIOS website's Resources page. It features the same header and navigation bar as the Management page. The main content area is titled "Resources" and includes the text: "You can find more about TELEIOS in the following resources:" followed by a list of links:

- TELEIOS in 1 page
- TELEIOS in 7 pages
- TELEIOS in 50 pages
- TELEIOS Overview Presentation
- Publications
- Deliverables
- Presentations
- Software

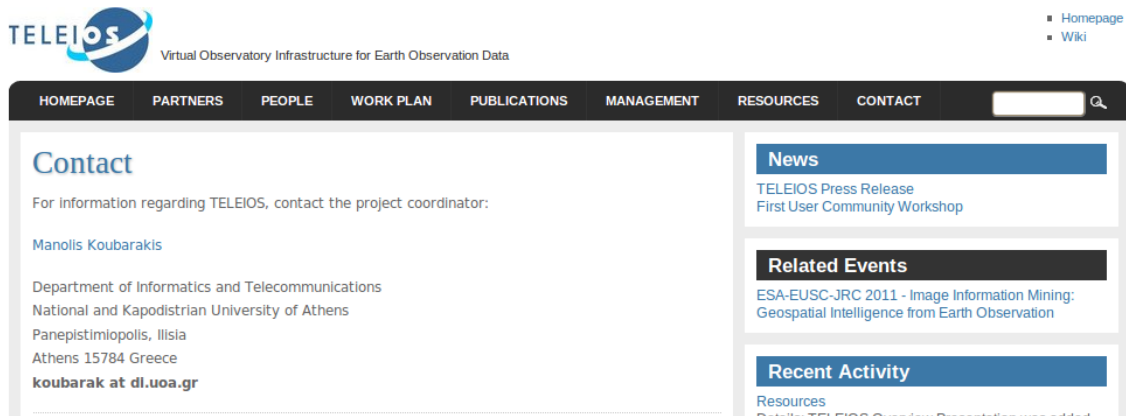
On the right side, there are three sections: "News" (same as above), "Related Events" (same as above), and "Recent Activity" which lists recent updates to resources, presentations, and a link to the "RSS feed".

At the bottom of the page, there is a row of seven boxes representing different project areas:

- Knowledge Discovery from EO Data
- Integrating EO Images with GIS Data
- TerraSAR-X Data Virtual Observatory
- Real-Time Fire Monitoring
- MonetDB
- Array Data Models and Query Languages
- Geospatial Extensions for RDF and SPARQL

3.8. Contact

The “Contact” webpage shown below provides information for contacting the coordinator for inquires regarding the TELEIOS project or the TELEIOS public website.



The screenshot shows the TELEIOS website's 'Contact' page. At the top left is the TELEIOS logo and the tagline 'Virtual Observatory Infrastructure for Earth Observation Data'. A navigation menu includes: HOME PAGE, PARTNERS, PEOPLE, WORK PLAN, PUBLICATIONS, MANAGEMENT, RESOURCES, CONTACT, and a search box. The main content area is titled 'Contact' and provides the following information:

For information regarding TELEIOS, contact the project coordinator:

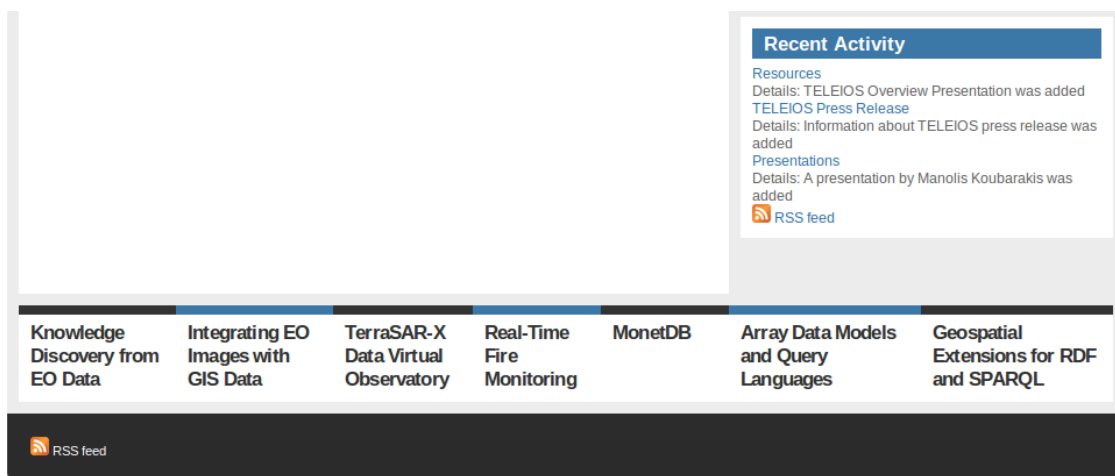
Manolis Koubarakis

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On the right side, there are three sections: 'News' (TELEIOS Press Release, First User Community Workshop), 'Related Events' (ESA-EUSC-JRC 2011 - Image Information Mining: Geospatial Intelligence from Earth Observation), and 'Recent Activity' (Resources, Details: TELEIOS Overview Presentation was added).

3.9. RSS feeds

As shown below the TELEIOS website provides an RSS feed of the information that appears in the homepage and an RSS feed of all recent activity. One can subscribe to both feeds and get informed about events, news, publications, new entries and updates.



The screenshot shows the 'Recent Activity' section of the TELEIOS website. It features a blue header 'Recent Activity' and lists several items:

- Resources**
 - Details: TELEIOS Overview Presentation was added
 - [TELEIOS Press Release](#)
 - Details: Information about TELEIOS press release was added
- Presentations**
 - Details: A presentation by Manolis Koubarakis was added

At the bottom of this section is an 'RSS feed' icon and link. Below the activity section is a horizontal menu with the following items: Knowledge Discovery from EO Data, Integrating EO Images with GIS Data, TerraSAR-X Data Virtual Observatory, Real-Time Fire Monitoring, MonetDB, Array Data Models and Query Languages, and Geospatial Extensions for RDF and SPARQL. At the very bottom of the page is another 'RSS feed' icon and link.

4. Technical details

In this section we present the technical details of the TELEIOS website.

4.1. Domain name

The domain used for the TELEIOS public website is www.earthobservatory.eu. It will be registered under the .eu domain for at least 2 years after the natural contractual end

of the project, and the consortium has committed to keep the web site alive for that period of time.

4.2. Web hosting

The server that hosts the TELEIOS public website has the following features:

- Hardware configuration : Dell R710 server, Quad Core Xeon E5620 2.4GHz CPU, 12 GB RAM, 2TB SATA HD
- Operating system: Linux Ubuntu 10.04.1 LTS 32-bit
- Web server: Apache/2.2.14
- MySQL server edition: MySQL 5.1.41
- PHP Version 5.3.2

4.3. Content management platform

The public website is based on the following content management platform:

- Drupal version 6.16

4.4. Databases

Two MySQL databases are used for storing the information of the TELEIOS public website, and one MySQL database is used for the project management tool Redmine that is located in a sub-URI of the TELEIOS public website.

4.5. Content updates and Maintenance

The project coordinator is responsible for performing website updates on a regular basis. In particular, NKUA is responsible for performing news updates on a monthly basis and ensuring that press releases, publications, and deliverables are posted in a timely manner. Each partner is responsible for and has the administrative rights to make modifications to the descriptions of their institution and the team members. Finally, the website's back-end, i.e., the web server, is maintained by NKUA, the coordinator of the project.

4.6. Project management tools

The following project management tools are used for the collaboration between the members of the TELEIOS consortium.

4.6.1. JSPwiki

[JSPwiki](#) is an extensible Wiki engine with rich features that is built around standard J2EE components (Java, servlets, JSP). An installation of JSPWiki is used to assist the TELEIOS partners in communication and content sharing in an easy and efficient

manner. The JSPWiki installation can be accessed by the TELEIOS consortium members only after logging-in at the following TELEIOS public website sub-URI: www.earthobservatory.eu/wiki. A link to this location is provided in the homepage of the TELEIOS public website.

A preview of the TELEIOS wiki log-in screen follows:



The screenshot shows the login page for the TELEIOS wiki. On the left is the TELEIOS logo and the text "JSPWiki v2.8.3". The main heading is "Login". Below it is a navigation menu with "Login", "Lost password", "Register New User", and "Help". On the right, there is a user status "G'day, nkuu (not logged in)" with a "My Prefs" link, and a "Quick Navigation" search box. The central content area is titled "Sign in to TeleiosWiki" and contains the instruction "Please sign in with your login name and password." Below this are two input fields: "Login" and "Password", followed by a "Login" button. At the bottom of the form, there are two links: "Lost your password? [Get a new one!](#)" and "Don't have an account? [Join TeleiosWiki now!](#)".