

# Water management

**AfWCCI (2011).** White paper on GEO capacity building and water resources in Africa. Addis Ababa, 2011.  
[http://www.earthobservations.org/documents/meetings/201102\\_2nd\\_awcs/20110223\\_25\\_2nd\\_awcs\\_cb\\_white\\_paper.pdf](http://www.earthobservations.org/documents/meetings/201102_2nd_awcs/20110223_25_2nd_awcs_cb_white_paper.pdf)

**Bastiaanssen, W. (2011).** Water managed by satellites: the unavoidable way forward. E-leaf, presentation. TWA network / NSO international seminar on space & geomatics: serving global society.  
[http://www.agentschapnl.nl/sites/default/files/bijlagen/2011\\_05\\_TWA\\_NS0%20Seminar\\_eLeaf\\_Basti-aanssen.pdf](http://www.agentschapnl.nl/sites/default/files/bijlagen/2011_05_TWA_NS0%20Seminar_eLeaf_Basti-aanssen.pdf)

**Dornblut, I. (2009).** Hydrologic information – metadata, semantic structure for the description of hydrologic data. GRDC report series 39, final draft.  
Apparently withdrawn

**Doubkova, M. et al. (2012).** SHARE: soil moisture for hydrometeorological applications. Earthzine, February 2012.  
<http://www.earthzine.org/2012/02/02/share-soil-moisture-for-hydrometeorological-applications>

**EUGENE (2011).** Status quo report water. WP4000, University of Bonn.  
[http://www.eugene-fp7.eu/docs/EUGENE\\_Water\\_Status\\_Quo\\_Report\\_Issue\\_1.pdf](http://www.eugene-fp7.eu/docs/EUGENE_Water_Status_Quo_Report_Issue_1.pdf)

**European Commission, Enterprise and Industry (2011).** Space research, a European journey. Space research projects under the 7th framework programme for research.  
[http://ec.europa.eu/enterprise/policies/space/files/research/a\\_european\\_journey.pdf](http://ec.europa.eu/enterprise/policies/space/files/research/a_european_journey.pdf)

**European Environment Agency (2009).** Water resources across Europe - confronting water scarcity and drought.  
<http://www.eea.europa.eu/publications/water-resources-across-europe>

**Fekete, B.M. and Vorosmarty, C.J. (2007).** The current status of global river discharge monitoring and potential new technologies complementing traditional discharge measurements. IAHS publ. 309, 2007.  
<http://iahs.info/redbooks/a309/309015.pdf>

**Fernandez – Prieto, D., van Oevelen, P., Su, Z., Wagner, W. (2012).** Advances in Earth observation for water cycle science. Hydrology and Earth System Science.  
<http://www.hydrol-earth-syst-sci.net/16/543/2012/hess-16-543-2012.pdf>

**GEOSS (2011).** Summary of the 2nd African water cycle symposium. Addis Ababa, 2011.  
[http://www.earthobservations.org/documents/meetings/201202\\_3rd\\_awcs/ExecSum\\_2GAWCS.pdf](http://www.earthobservations.org/documents/meetings/201202_3rd_awcs/ExecSum_2GAWCS.pdf)  
<http://ebookbrowse.com/20110223-25-2nd-awcs-summary-report-doc-d293046077>

**GEO User Interface Committee (2010).** Critical earth observations priorities: water societal benefit area. GEO task US-09-01a. [http://sbageotask.larc.nasa.gov/Water\\_US0901a-FINAL.pdf](http://sbageotask.larc.nasa.gov/Water_US0901a-FINAL.pdf)

**GEOWOW (2012).** Emerging technologies analysis.  
<http://www.geowow.eu/resources/deliverables/GEOWOW-IOU-WP2-I2.1.1-v1.0.pdf>

## ► Water management

**GEWEX (2010).** GEWEX plans for 2013 and beyond.

<http://www.gewex.org/2010pangewex/Mission%20Statement.pdf>

<http://www.gewex.org/images/Nov2010.pdf>

**Ghawana, T. et al. (2011).** Spatial dimensions of land administration and user rights over groundwater: case study of Kerala, India vs. Coca Cola. FIG working week 2011: bridging the gap between cultures.  
<http://repository.tudelft.nl/view/ir/uuid%3Aa62ac19d-ac6f-4aaa-9869-31e97ae893b8>

**GLOWASIS (2011).** User requirements report. Deliverable no. 1. WP 10.1.

[http://glowasis.eu/wp-content/uploads/GLOWASIS\\_User\\_Requirements\\_Report\\_final.pdf](http://glowasis.eu/wp-content/uploads/GLOWASIS_User_Requirements_Report_final.pdf)

**Grabs, W. (2008).** Statement of guidance for hydrology. WMO.

[www.wmo.int/pages/prog/www/OSY/SOG/SOG-Hydrology.doc](http://www.wmo.int/pages/prog/www/OSY/SOG/SOG-Hydrology.doc)

**GTOS-ECV (2009).** Glaciers – glaciers and ice caps. T06 Essential Climate Variables.

<http://www.fao.org/gtos/doc/ECVs/T06/T06.pdf>

**GTOS-ECV (2009).** Snow - snow cover. T05 Essential Climate Variables.

<http://www.fao.org/gtos/doc/ECVs/T05/T05.pdf>

**GTOS-ECV (2009).** River discharge. T01 Essential Climate Variables.

<http://www.fao.org/gtos/doc/ECVs/T01/T01.pdf>

**GTOS-ECV (2008).** Water level – water level in lakes and reservoirs, water storage. T04 Essential Climate Variables. <http://www.fao.org/gtos/doc/ECVs/T04/T04.pdf>

**GTOS-ECV (2008).** Groundwater. T03 Essential Climate Variables.

<http://www.fao.org/gtos/doc/ECVs/T03/T03-Groundwater-report-v05.doc>

**Hadwen, T. (2010).** Agriculture and Agri-Food Canada's drought monitoring and information system.

Presentation, GEO – DRI drought monitoring workshop, Winnipeg, 2010.

<http://www.drinetwork.ca/GEO-DRI/hadwen.pdf>

**Kartasasmita, M. (2009).** Earth observation activities in Indonesia (related to GEOSS activities). Presentation, third GEOSS Asia – Pacific symposium, 2009.

[http://www.prime-pco.com/geoss/pdf/day1/Country\\_and\\_Region\\_Reports/05\\_Indonesia.pdf](http://www.prime-pco.com/geoss/pdf/day1/Country_and_Region_Reports/05_Indonesia.pdf)

**Lawford, R. (2010).** Update on the Integrated Global Water Cycle Observation (IGWC0) community of practice. GEO user engagement session, Beijing, 2010.

[http://www.earthobservations.org/documents/committees/uic/201011\\_UES/26\\_RLawford\\_IGWC0.pdf](http://www.earthobservations.org/documents/committees/uic/201011_UES/26_RLawford_IGWC0.pdf)

**Matsumoto, J. (2010).** Current status of AMY (Asian monsoon years 2007 – 2012) – outcome of Kunming (Dec. 2009) and Tokyo (Jun. 2010) meetings. Presentation, APCC, Korea, 2010.

[http://www.clivar.org/sites/default/files/imported/organization/aamp/presentations/AAMP10/4\\_AMY\\_Matsumoto.pdf](http://www.clivar.org/sites/default/files/imported/organization/aamp/presentations/AAMP10/4_AMY_Matsumoto.pdf)

## ► Water management

**McGlade, J. et al. (2012).** Measuring water use in a green economy. UNEP – International Resource Panel. [http://www.unep.org/resourcepanel/Portals/24102/Measuring\\_Water.pdf](http://www.unep.org/resourcepanel/Portals/24102/Measuring_Water.pdf)

**Mutiga, J.K., Su, Z.B., Woldai, T. (2011).** Impacts of agricultural intensification through upscaling of suitable rainwater harvesting technologies in the upper Ewaso Ngiro North basin, Kenya. *Hydrology and earth system sciences discussions* 8.  
<http://www.hydrol-earth-syst-sci-discuss.net/8/2477/2011/hessd-8-2477-2011-print.pdf>

**NIDIS (2007).** The national integrated drought information system implementation plan - a pathway to national resilience.

<http://www.drought.gov/media/imageserver/NIDIS/content/whatisnidis/NIDIS-IPFinal-June07.pdf>

**Rao, V.V. and Raju, P.V. (2010).** Water resources management. Chapter 6, remote sensing applications. National Remote Sensing Centre, India.

[http://www.indiawaterportal.org/sites/indiawaterportal.org/files/Remote%20Sensing%20Applications\\_NRSC\\_2010.pdf](http://www.indiawaterportal.org/sites/indiawaterportal.org/files/Remote%20Sensing%20Applications_NRSC_2010.pdf)

**Su, Z. (2008).** TIGER or DRAGON: capacity building in earth observation water resources systems as backbone for informed water resources management.

[http://www.itc.nl/PDF/report\\_executive\\_seminar.pdf](http://www.itc.nl/PDF/report_executive_seminar.pdf)

**Subramanian, S.K. and Seshadri, K. (2010).** Groundwater. Chapter 8, remote sensing applications. National Remote Sensing Centre, India.

[http://www.indiawaterportal.org/sites/indiawaterportal.org/files/Remote%20Sensing%20Applications\\_NRSC\\_2010.pdf](http://www.indiawaterportal.org/sites/indiawaterportal.org/files/Remote%20Sensing%20Applications_NRSC_2010.pdf)

**Trenberth, K.E. (2011).** The new GEWEX.

[http://www.cgd.ucar.edu/staff/trenbert/Presentations/GEWEX-summary4AMS\\_ss.pptx](http://www.cgd.ucar.edu/staff/trenbert/Presentations/GEWEX-summary4AMS_ss.pptx)

**UN Economic Commission for Europe (2010).** Guidance on water and adaptation to climate change.

[http://www.unece.org/fileadmin/DAM/env/documents/2009/Wat/mp\\_wat/ECE\\_MP.WAT\\_30\\_E.pdf](http://www.unece.org/fileadmin/DAM/env/documents/2009/Wat/mp_wat/ECE_MP.WAT_30_E.pdf)

**UNEP (2010).** Africa water atlas.

[http://na.unep.net/atlas/africaWater/downloads/chapters/africa\\_water\\_atlas\\_i-36.pdf](http://na.unep.net/atlas/africaWater/downloads/chapters/africa_water_atlas_i-36.pdf)

**UNESCO/IHP (2010).** Application of satellite remote sensing to support water resources management in Africa: results from the TIGER initiative. IHP-VII technical documents in hydrology no. 85.  
<http://unesdoc.unesco.org/images/0018/001880/188045m.pdf>

**United Nations Statistics Division (2007).** System of environmental-economic accounting for water.  
[http://unstats.un.org/unsd/statcom/doc07/SEEAW\\_SC2007.pdf](http://unstats.un.org/unsd/statcom/doc07/SEEAW_SC2007.pdf)

**Vekerdy, Z. et al. (2008).** TIGER capacity building: growing from projects to professional community.  
[http://www.isprs.org/proceedings/XXXVIII/part6/papers/Vekerdy/2010%20Vekerdy%20etal\\_TBCF%20growing%20from%20projects%20to%20professional%20community\\_abstract.pdf](http://www.isprs.org/proceedings/XXXVIII/part6/papers/Vekerdy/2010%20Vekerdy%20etal_TBCF%20growing%20from%20projects%20to%20professional%20community_abstract.pdf)

## ► Water management

**Verplanke, J. et al. (2010).** HSW final report: empowering communities in East Africa in water service provision through human sensor webs. UN-HABITAT / University of Twente.  
<ftp://ftp.itc.nl/pub/pgis/HSW/HSW%20final%20report.pdf>

**Wang, X.L. et al. (2011).** Evaluating nitrogen removal by vegetation uptake using satellite image time series in riparian catchments. *Science of the total environment* 409.  
<http://www.sciencedirect.com/science/article/pii/S0048969711002762>

**Wateraid (2010).** Waterpoint mapping.  
<http://www.waterpointmapper.org>

**Welle, K. (2010).** Strategic review of WaterAid's waterpoint mapping in East Africa. Based on a review of Ethiopia, Kenya, Tanzania and Uganda. WaterAid.  
[http://www.wateraid.org/documents/plugin\\_documents/east\\_africa\\_water\\_point\\_mapping\\_report.pdf](http://www.wateraid.org/documents/plugin_documents/east_africa_water_point_mapping_report.pdf)

**Wilhite, D.A. (chair) et al. (2006).** Managing drought: a roadmap for change in the United States. Geological Society of America, conference report "Managing drought and water scarcity in vulnerable environments".  
<http://geosociety.org/meetings/06drought/roadmap.pdf>

**WMO (2009).** Guide to hydrological practices, volume 1: hydrology – from measurement to hydrological information.  
[http://www.hydrology.nl/images/docs/hwfp/WMO\\_Guide\\_168\\_Vol\\_I\\_en.pdf](http://www.hydrology.nl/images/docs/hwfp/WMO_Guide_168_Vol_I_en.pdf)

**WMO (2009).** Guide to hydrological practices, volume 2: management of water resources and application of hydrological practices.  
[http://www.hydrology.nl/images/docs/hwfp/WMO\\_Guide\\_168\\_Vol\\_II\\_en.pdf](http://www.hydrology.nl/images/docs/hwfp/WMO_Guide_168_Vol_II_en.pdf)

**WMO (2006).** Drought monitoring and early warning: concepts, progress and future challenges.  
<http://www.wamis.org/agm/pubs/brochures/WM01006e.pdf>

**Yamanaka, M.D. et al. (2008).** HARIMAU radar profiler network over the Indonesian maritime continent: a GEOSS early achievement for hydrological cycle and disaster prevention. *Journal of disaster research*, vol. 3, no. 1.  
[http://www.jamstec.go.jp/iorgc/harimau/morishu/ronbun/jdr2008\\_yamanaka.pdf](http://www.jamstec.go.jp/iorgc/harimau/morishu/ronbun/jdr2008_yamanaka.pdf)