

Curriculum Vitae

Name	J.E. HUNINK
First Name	Johannes
Date of Birth	14 January 1978
Nationality	Dutch
Main Disciplines	Hydrology, Simulation models, Remote sensing, Water resources planning and forecasting, Agricultural water management, Climate Change
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Key Qualifications

Johannes Hunink (M.Sc.) is a hydrologist with more than 10 years of experience in decision support studies and tools for water resources management. He is experienced in the use of simulation models and remote sensing data to evaluate measures and investment portfolios for climate change adaptation, flood and drought mitigation, and water-related ecosystem-services schemes. Trained as a computational geographer, he is skilled in integrating large datasets and numerical tools to solve complex spatial problems for strategic decision making. Johannes has been project manager and leading analyst in a wide range of research and consultancy projects and lived and worked for different private and public organizations in Spain, the Netherlands and Ecuador. Since 2012 he is Managing Director of the FutureWater base in Cartagena, Spain.

Educational background

- 2012 - present PhD candidate at the Universidad Politécnica de Cartagena, Spain.
Development of algorithms that combine remote sensing data on different resolutions with field data for enhanced hydrological applications.
- 2003 – 2005 MSc Computational Bio- and Physical Geography, Cum Laude. Universiteit van Amsterdam, The Netherlands. Thesis: The Multiple Scale Modeling Framework: a computational tool to facilitate investigation in hydrological processes on different scales.
- 2000 – 2003 BSc Physical Geography, Faculty of Science, Universiteit van Amsterdam, The Netherlands. Subjects: groundwater- and surface water-hydrology, soil physics and chemistry, geomorphology
- 1997 – 1999 BSc Physics (first 2 years), Vrije Universiteit Amsterdam, The Netherlands. Subjects: numerical methods, programming, fluid mechanics.

Professional Experience

2012 –present	Hydrologist and Managing Director of FutureWater base in Cartagena, Spain
2012 - present	Member of Water Resources Management research group of Civil Engineering Dept., Universidad Politécnica de Cartagena, Spain
2011 – 2012	Invited Researcher, Universidad Politécnica de Cartagena, Cartagena, Spain
2009 - 2011	Hydrologist, FutureWater, Wageningen, The Netherlands
2006 – 2009	Water Management Professional, TYPESA (Técnica y Proyectos S.A, engineering consultancy), Barcelona, Spain.
2005 - 2006	Communications officer, Key Resorts, Murcia, Spain
2004	Hydrologist trainee, Ecociencia research institute, Quito, Ecuador
2003	Consultant trainee, Tauw BV (engineering consultancy), Amsterdam, The Netherlands

Overseas Professional Experience

Resident:

Ecuador (5 months), Netherlands (3 years), Spain (8 years)

Non-resident assignments:

Albania, Armenia, Azerbaijan, Cambodia, Chile, Ethiopia, Gabon, Georgia, Indonesia, Kenya, Kazakhstan, Kirgizstan, Laos, Mauritius, Morocco, Tajikistan, Tanzania, Thailand, Uganda, Uzbekistan, Vietnam, Zambia

Selection of Assignments and Projects

2016	Technical assistance and capacity building on climate change vulnerability and impact assessment using FAO crop productivity modeling tool, targeted to local experts in Armenia (European Commission)
2016	Study on impacts of climate change and sustainable land management investments on water and sediment flows in the Upper Tana, Kenya, within WISE-UP project (IUCN, IWMI)
2016	Project lead of hydrological evaluation of Lukanga Swamps, Zambia, to assess flooding dynamics and its role to sustain hydrological ecosystem services (The Nature Conservancy)
2016 – 2020	Researcher in European research and innovation project BRIGAD (Horizon 2020 programme) on market transfer of technologies for water resources management. Using drones and satellite imagery for drought management.
2016	Assessment of benefits from enhanced forest and agricultural management for hydropower in Gabon (UNDP, The Nature Conservancy)
2015 – 2019	Researcher and leader of agriculture-drought work package in European Union-funded (H2020) project IMPREX (http://imprex.eu/) on developing climate services and improving predictions of hydrological extremes (budget 8M€, 23 partners).

2013 – 2016	Drought early warning and management system for Spain (www.infosequia.es), using satellite information and water resources modeling, co-funded by Spanish Ministry of Economy and Innovation.
2015	Design study for the development of a Payment for Watershed Services scheme coordinated by WWF in the Rwenzori Mountains National Park, Uganda, based on hydrological and agronomic analysis.
2015	Lead in hydrological pre-feasibility study for run-of-river hydropower facility in Sulawesi, Indonesia.
2015	Erosion assessment for the Mahale Mountains, as input to the Atlas of Water Resources for Lake Tanganyika, Tanzania, developed by The Nature Conservancy
2014-2015	Hydrologic modeling for an interactive global online platform to evaluate impact and adaptation strategies to climate change. Client: European Institute of Innovation and Technology (EIT)
2014 - 2015	Risk assessment and modeling of climate change impacts on water availability and the water-related energy sector in the Central Asia region, funded by World Bank.
2014 – 2015	Water Accounting assessment using UN-SEEAW framework in the Segura basin, Spain. Pilot project DG-Environment (European Commission), supporting Guidance document on the application of water balances for implementation of the Water Framework Directive
2013 – 2014	Business case development and biophysical analysis of investment portfolios for the Nairobi Water Fund, in the Upper Tana basin of Kenya, promoted by The Nature Conservancy.
2011-2014	Agro-hydrologist and WP-leader in EU-FP7 project SIRRIMED (www.sirrime.org), on sustainable use of irrigation water in the Mediterranean Region, developing GIS-based irrigation district and watershed information systems integrating remote sensing and hydrological modeling tools.
2014	Satellite-based high-resolution rainfall assessment for pilot study in the Red River basin in Vietnam, supported by Dutch Ministry.
2013	Modeling and data analysis for a regional study on crop production and food requirements under climate change for the Lower Mekong Basin, financed by the Mekong River Commission.
2012 – 2013	Technical support to development of operational tool for streamflow forecasting and hydropower management within INTOGENER (Integration of EO data and GNSS-R signals for ENERGY applications) project, Chile, partly funded by European Space Agency.
2013	Scoping study on the impact and possible mitigation measures for source control of agricultural runoff affecting urban flooding in the island Mauritius
2012 - 2013	Generation of high-resolution precipitation estimates in mountain areas of Ecuador to quantify the spatial variability of water resources for agricultural planning, combining remote sensing with ground measurements.
2011-2012	Researcher and project management of a pilot funded by European Commission DG Environment on development of prevention activities to halt desertification in Europe (REDSIM), developing and evaluating a remote-sensing based DSS for irrigation management.
2010–2012	Crop modeling of Climate Change vulnerability and adaptation strategies for agricultural systems in Albania, Armenia, Azerbaijan, Georgia and Uzbekistan (World Bank study).
2011-2012	Analysis of soil and water resources to assess irrigation potential in seven countries (Burundi, Eastern DRC, Kenya, Rwanda, Southern Sudan, Tanzania, and Uganda) in the Nile basin, for the Nile Basin Initiative (NBI).
2011	Proof-of-concept of the Green Water Credits initiative in the Sebou basin, Morocco, assessing impact of improved water and soil management on water availability upstream and downstream.

2010-2011	Data analysis and soil erosion modeling for baseline survey on reservoir sedimentation in Tana basin, for the Water Resources Management Authority of Kenya.
2009	Principle researcher in a pilot project with the Dutch National Institute for Public Health and the Environment (RIVM) focused on the suggested relation between the Q fever transmission to humans and local environmental conditions as soil moisture, vegetation and wind speed.
2009-2010	Researcher and trainer in an IFAD (International Fund for Agricultural Development) supported project to implement the Green Water Credits (GWC) mechanism in the Tana basin in Kenya for improved water and soil management. Assessment of water sources, flows and demand using hydrological model SWAT.
2008-2009	Researcher and advisor for a groundwater management plan for the Catalonian Water Agency. Modeling using MODFLOW to obtain insight in the water balance and the effects of different management scenarios.
2008	On loan at the Catalonian Water Agency - Spain as a researcher/advisor on remote sensing and planning of water resources, combining different observed and forecasted data sources in a decision support tool
2008	Project leader of study assessing debris flow hazards in the Pyrenees, using a bi-dimensional flood routing model for mud and debris flows (FLO-2D)
2007	Principal consultant for a project aiming to reduce discharges of combined sewer systems to the environment. Fieldwork and modeling (10 municipalities), using urban drainage package Infoworks CS
2006	Lead analysisist of Stormwater Drainage Master Plan of 6 coastal municipalities in Catalonia using the hydrological model MIKE SHE.
2005	Design and planning of communication campaign focused on water conservation and environmental sustainability for a golf resort (Spain).
2004	Trainee, launching a project that evaluated the influence of land-use changes on hydrology using basin hydrological model SWAT in Cotopaxi region, Ecuador.

Language Skills

Dutch:	mother tongue
English:	fluent in writing and speech
Spanish:	fluent in writing and speech
Catalan:	moderate
German:	moderate
French:	moderate

Computer Skills

GIS / Remote Sensing:	ArcGIS, QGIS, Erdas Imagine, Idrisi, Surfer.
Simulation models:	SWAT, HEC-HMS, HEC-RAS, SOBEK, FLO-2D, Infoworks CS, Visual Modflow, WEAP, SWAP, AquaCrop, MIKE SHE.
Programming:	MatLab, Python, R, Fortran
Databases:	MySQL, SQLite

Miscellaneous

- More than 8 years of experience in providing training on hydrological modelling, GIS, and use of remote sensing for water resources assessments. Beginners and advanced levels.
- Reviewer for the following scientific journals:

- Agricultural Water Management
- Remote Sensing
- Hydrology and Earth System Sciences
- Hydrological Processes
- American Geophysical Union books
- Land Degradation & Development
- Biosystems Engineering
- Spanish Journal of Agricultural Research
- Enjoys playing piano, percussion and drums

Publications

Peer-reviewed publications

- Romero-Trigueros, C., Nortes, P.A., Alarcón, J.J., **Hunink, J.E.**, Parra, M., Contreras, S., Droogers, P., Nicolás, E., 2016. Effects of saline reclaimed waters and deficit irrigation on Citrus physiology assessed by UAV remote sensing. *Agricultural Water Management*, *accepted for publication*. doi: 10.1016/j.agwat.2016.09.014
- Vogl, A.L., Bryant, B.P., **Hunink, J.E.**, Wolny, S., Apse, C., Droogers, P., 2016. Valuing investments in sustainable land management in the Upper Tana River basin, Kenya. *Journal of Environmental Management*, *accepted for publication*. doi: 10.1016/j.jenvman.2016.10.013
- Jimenez-Martinez, J., Garcia-Arostegui, J.L., **Hunink, J.E.**, Contreras, S., Baudron, P., Candela, L., 2016. The role of groundwater in highly human-modified hydrosystems: A review of impacts and mitigation options in the Campo de Cartagena-Mar Menor coastal plain (SE Spain). *Environmental Reviews*, *accepted for publication*. doi:10.1139/er-2015-0089
- Van den Hurk, B.J.J.M., Bouwer, L.M., Buontempo, C., Döscher, R., Ercin, E., Hananel, C., **Hunink, J.E.**, Kjellström, E., Klein, B., Manez, M., Pappenberger, F., Pouget, L., Ramos, M.-H., Ward, P.J., Weerts, A.H., Wijngaard, J.B., 2016. Improving predictions and management of hydrological extremes through climate services. *Climate Services* 1, 6–11. doi:10.1016/j.cliser.2016.01.001
- Hunink, J. E.**, Contreras, S., Soto-García, M., Martín-Gorriz, B., Martínez-Álvarez, V., Baille, A., 2015. Estimating groundwater use patterns of perennial and seasonal crops in a Mediterranean irrigation scheme, using remote sensing. *Agricultural Water Management*, 162, 47–56. doi:10.1016/j.agwat.2015.08.003
- Tapswan, S., **Hunink, J.E.**, Alcon, F., Mertens-Palomares, A., Baille, A., 2014. Assessing the design of a model-based irrigation advisory bulletin: the importance of end-user participation. *Irrigation and Drainage*. *Irrigation and Drainage*, 64, 228–240 doi: 10.1002/ird.1887
- Kauffman, S., Droogers, P., **Hunink, J.E.**, Mwaniki, B., Muchena, F., Gicheru, P., Bindraban, P., Onduru, D., Cleveringa, R., Bouma, J., 2014. Green Water Credits – exploring its potential to enhance ecosystem services by reducing soil erosion in the Upper Tana basin, Kenya. *International Journal of Biodiversity Science, Ecosystem Services & Management*, 1–11, doi:10.1080/21513732.2014.890670.
- Hunink, J.E.**, Immerzeel, W.W., Droogers, P., 2014. A High-resolution Precipitation Two-step mapping Procedure (HiP2P): development and application to a tropical mountainous area. *Remote Sensing of Environment*, 140:179-188. DOI: 10.1016/j.rse.2013.08.036

- Hunink, J.E.**, Niadas, I.A., Antonaropoulos, P., Droogers, P., de Vente, J., 2013. Targeting of intervention areas to reduce reservoir sedimentation in the Tana catchment (Kenya) using SWAT. *Hydrological Sciences Journal*, 58 (3), 1–15., doi: 10.1080/02626667.2013.774090
- Hunink, J.E.**, Droogers, P., Kauffman, S., Mwaniki, B.M., Bouma, J., 2012. Quantitative simulation tools to analyze up- and downstream interactions of soil and water conservation measures: Supporting policy making in the Green Water Credits program of Kenya. *Journal of Environmental Management*, 111: 187-194. doi: 10.1016/j.jenvman.2012.07.022
- Bouma, J., Droogers, P., Sonneveld, M. P. W., Ritsema, C. J., **J.E. Hunink**, Immerzeel, W. W., and Kauffman, S. 2011. Hydrogeological insights when considering catchment classification, *Hydrology and Earth System Sciences*, 15, 1909-1919.
- Van der Hoek, W., **J.E. Hunink**, P. Vellema, P. Droogers, 2011. Q fever in the Netherlands: the role of local environmental conditions. *International Journal of Environmental Health Research*, 21 (6): 441-451. DOI: 10.1080/09603123.2011.574270

Conference proceedings or posters

- Hunink, J.E.**, Eekhout, J.P.C., de Vente, J., Contreras, S., Droogers, P., 2016. Crop coefficients parametrization using remote sensing in basin-scale hydrological modelling. Oral presentation at EGU 2016, Vienna.
- Contreras, S., **Hunink, J.E.**, 2016. InfoSequia: the first operational remote sensing-based Drought Monitoring System of Spain. Poster at EGU 2016, Vienna.
- Hunink, J.E.**, B.P. Bryant, A. Vogl, P. Droogers, 2015. Valuing investments in sustainable land management using an integrated modelling framework to support a watershed conservation scheme in the Upper Tana River, Kenya. Oral presentation at EGU General Assembly 2015, Vienna.
- Contreras, S., **Hunink, J.E.**, 2015. Drought effects on rainfed agriculture using standardized indices: A case study in SE Spain. In Andreu et al. (eds) *Droughts: Research and Science-Policy Interfacing*, 65-70. CRC Press (Taylor and Francis Group), London. ISBN: 978-1-138-02779-4.
- Bryant, B.P., P. Droogers, **J.E. Hunink**, A. Vogl, S. Wolny, 2014. Targeting and valuing conservation investments in support of a water fund: linking upstream land management with downstream services in the Upper Tana catchment, Kenya. Poster at AGU Fall Meeting, San Francisco, Dec-14.
- Hunink, J.E.**, W.W. Immerzeel, P. Droogers, 2013. Estimating the spatial distribution of precipitation using remote sensing proxies and observed data in a tropical mountainous region. Poster at 11th International Precipitation Conference, July 2013, Wageningen, Netherlands.
- Gallego-Elvira, B., M. Bahir, A.G. Garcia, **J.E. Hunink**, A. Baille, G. Boulet, O. Boutron, P. Chauvelon, D. Courault, C. Di Bella, S. Garrigues, Y. Inoue, O. Marloie, B. Martin, O. Merlin, M. Mira, A. Olioso, S. Reyes-Castillo, V. Rivalland, M. Weiss, 2013. Evaluation of EVASPA, a tool for mapping evapotranspiration from space. Poster at 7th HyMeX Workshop, 7-10 October 2013, Cassis, France.
- Hunink, J.E.**, W.W. Immerzeel, P. Droogers, Baille, A., 2013. A multi-scale modelling approach for mapping rainfall and evapotranspiration from remote sensing-derived land surface attributes. Poster at II Workshop de Investigación Agroalimentaria, Cartagena, Spain, May 2013.
- Hunink, J.E.**, Tapsuwan, S., Alcon, F., Mertens-Palomares, A., Baille A., 2012. Enabling responsiveness of farmers to altering weather patterns: an irrigation bulletin for better

- planning and adaptation. Poster at Workshop “Responses to Extreme water related events”, Madrid, Spain, Nov-2012.
- Droogers, P, W.W. Immerzeel, W. Terink, **J.E. Hunink**, G van Lynden. Water Allocation in 2050: Tools and Examples. Proceedings to Conference: Water Allocation and Green Growth, Wageningen, Nov-2012
- Hunink, J.E.** and Baille, A., 2012. Overview of agro-hydrological models: tools to provide relevant soil water information for irrigation. In: The use of remote sensing and geographic information systems for irrigation management in Southwest Europe. Options Méditerranéennes, Series B: Studies and Research, no. 67. Eds. M.Erena, A.Lopez-Francos, S. Montesinos, J.F.Berthoumieu. CIHEAM, Spain. ISBN 2-85352-482-5.
- Van der Hoek, W., **J.E. Hunink**, T. Veenstra, P. Droogers, 2010. Q Fever in the Netherlands: the role of local environmental conditions in the largest epidemic ever reported. Proceedings of the 2010 International Conference on Emerging Infectious Diseases, Atlanta.
- A. Pérez-Paricio, **J.E. Hunink**, E. Kupper and J. Raso Quintana, 2010. Estimation of the river conductance coefficient using streambed slope for modeling of regional river-aquifer interaction. XVIII International Conference on Computational Methods in Water Resources, 2010, Barcelona.
- Kupper, E., A. Pérez-Paricio, J. Raso Quintana and **J.E. Hunink**, 2009. Primer Plan Director de Usos de un acuífero aluvial en Cataluña. Jornadas de Ingeniería de Agua, 2009, Madrid.
- Hunink, J.E.**, Bouten, W. and E.E. van Loon, 2007. Use of a nested modeling framework to study multiscale hydrological processes. Numerical Modelling of Hydrodynamics for Water Resources. ISBN 13: 978.0.415.44056.1
- Raso, J. and **J.E. Hunink**, 2007. A coupled 1D-2D modeling study of the 1907 flood in the Ebro delta. Numerical Modelling of Hydrodynamics for Water Resources. ISBN 13: 978.0.415.44056.1
- Hunink, J.E.**, Peñas Castejon, J.M., Van Mourik, J. and A. Faz, 2004. Environmental risks associated with wind-erosion promoted by the mobility of heavy metals in the forming of secondary minerals. Book of International Congress on Land Degradation. ISBN 84-95781-42-5

Technical reports and other publications (from 2009)

- Hunink, J.E.**, A. Kasangaki, H. Edison, P. Droogers. 2016. Preliminary Hydrological and Agronomic Study for a Payment for Watershed Services Scheme in Rwenzori Mountains National Park, Uganda. FutureWater Report 149
- Droogers, P., **Hunink, J.E.**, Lynden, G., van Til, J., 2015. Flying Sensors for Monitoring Green Water Credits. HiView Report, Wageningen, Netherlands
- Hunink, J.E.**, S. Contreras, P. Droogers. 2015. Hydrological pre-feasibility assessment for the Romuku hydropower plant Central Sulawesi, Indonesia. FutureWater Report 141
- Contreras, S., **Hunink, J.E.**, 2015. Water accounting at the basin scale: water use and supply (2000-2010) in the Segura River Basin using the SEEA framework. FutureWater report 138
- Apse, C., Bryant, B., Droogers, P., **Hunink, J.E.**, Kihara, F., Leisher, C., Vogl, A., Wolny, S., 2015. Upper Tana-Nairobi Water Fund: A Business Case. The Nature Conservancy: Nairobi, Kenya
- Hunink, J. E.**, Droogers, P., 2015. Impact Assessment of Investment Portfolios for Business Case Development of the Nairobi Water Fund in the Upper Tana River, Kenya. FutureWater Report 133

- Hunink, J.E.**, Droogers, P., Tran-Mai, K. 2014. Past and Future Trends in Crop Production and Food Demand and Supply in the Lower Mekong Basin. Prepared by FutureWater for Mekong River Commission (MRC) Climate Change and Adaptation Initiative (CCAI). Version 9. Feb-2014.
- Contreras, S., **Hunink, J.E.**, Baille, A., 2014. Building a Watershed Information System for the Campo de Cartagena basin (Spain) integrating hydrological modeling and remote sensing. FutureWater report 125
- Hunink, J. E.**, Baille, A., Olioso, A., García-Vila, M., Loukas, A., et al., 2013. Alpha-tests of the first prototype of the District Information System. Sustainable use of irrigation water in the Mediterranean (SIRRIMED – European FP7 project), Report D4.7.
- Hunink, J. E.**, Baille, A., Olioso, A., García-Vila, M., Loukas, A., et al., 2013. Adaptations of the models and on the coupling of the crop model and hydraulic model. Sustainable use of irrigation water in the Mediterranean (SIRRIMED – European FP7 project), Report D4.4.
- Hunink, J.E.**, Immerzeel, W.W., Droogers, P. 2013. Análisis de Patrones Espaciales de Precipitación en la Provincia de Tungurahua. FutureWater Report 125.
- Droogers, P., **J.E. Hunink**. 2012. Assessment of Impact of Climate Change on Wheat in Armenia, Azerbaijan and Georgia. Report FutureWater 108.
- Hunink, J.E.**, Baille, A., 2012. Remote sensing-based DSS for Sustainable Drought-adapted Irrigation Management. Final technical report for REDSIM project within “Halting Desertification in Europe programme of DG-ENV, European Commission.
- Brandsma, J.E., Leuken, J., Droogers, P., **Hunink, J.E.**, Swart, A., Hoek, W. 2012, Correlation between *C. burnetii* Transmission Rates and Satellite Based Vegetation Indices. Report FutureWater 109.
- Hunink, J. E.**, Baille, A., Olioso, A., García-Vila, M., et al., 2011. Models to be Implemented in the District Information Systems (DIS) and Watershed Information Systems (WIS). Sustainable use of irrigation water in the Mediterranean (SIRRIMED – European FP7 project), Report D4.2 and D5.2.
- Hunink, J.E.**, Droogers, P., 2011. Physiographical baseline survey for the Upper Tana catchment: erosion and sediment yield assessment. Report FutureWater 112
- Hunink, J.E.**, P. Droogers. 2011. Climate Change Impact Assessment on Crop Production in Uzbekistan. World Bank Study on Reducing Vulnerability to Climate Change in Europe and Central Asia (ECA) Agricultural Systems. Report FutureWater 106.
- Hunink, J.E.**, P. Droogers. 2011. Climate Change Impact Assessment on Crop Production in Albania. World Bank Study on Reducing Vulnerability to Climate Change in Europe and Central Asia (ECA) Agricultural Systems. Report FutureWater 105.
- Droogers, P., **Hunink, J.E.**, Kauffman, S., van Lynden, G., 2011. Water Use and Demand in the Upper Tana, Catchment, Kenya – A Cost-Benefit Analysis using the Water and Evaluation and Planning Tool (WEAP). Green Water Credits Report 14, ISRIC – World Soil Information, Wageningen
- Hunink, J.E.**, Immerzeel, W.W., Droogers, P., Kauffman, S., van Lynden, G., 2011. Impacts on Land Management Option in the Upper Tana, Kenya, using the Soil and Water Assessment Tool – SWAT. Green Water Credits Report 10, ISRIC – World Soil Information, Wageningen
- Droogers, P., W. Terink, **J.E. Hunink**, S. Kauffman, G. van Lynden. 2011. Water Use and Demand in the Sebou Basin, Morocco – A Benefit-Cost Analysis using the Water and Evaluation and Planning Tool (WEAP). Green Water Credits Morocco: Inception Phase. FutureWater Report 102.
- Terink, W., **J.E. Hunink**, P. Droogers, H. Reuter, G. van Lynden, S. Kauffman. 2011. Green and Blue Water Resources for the Sebou Basin, Morocco- Soil-Water Management

Scenarios using the Soil and Water Assessment Tool (SWAT). Green Water Credits Morocco: Inception Phase. FutureWater Report 101.

Hunink, J.E., W. Terink, P. Droogers, H. Reuter, J. Huting. 2011. Towards a Proof-of-Concept of Green Water Credits for the Sebou Basin, Morocco. FutureWater Report 99.

Hunink, J.E., T. Veenstra, P. Droogers, W. van der Hoek, 2010. Het belang van lokale omgevingsfactoren voor de verspreiding van Q-koorts bij de mens. Bodem, nummer 4, augustus 2010

Hunink, J.E., T. Veenstra, W. van der Hoek, P. Droogers, 2010. Q fever transmission to humans and local environmental conditions. FutureWater rapport 90. FutureWater, Wageningen.

Hunink, J.E., W.W. Immerzeel, P. Droogers, 2009. Green Water Credits for the Upper Tana Basin, Kenya. Phase II - Pilot Operations: Biophysical assessment using SWAT. Report FutureWater: 84