

Name of Staff	Cheryl Van Kempen MSc
Employer	Deltares & self-employed
Date of Birth	19-05-1983
Nationality	Dutch (formerly French)



Education

School, college and/or University attended	Degree/certificate or other specialized education obtained	Date obtained
Utrecht University, the Netherlands Earth Science, Track Geochemistry	Doctoral Degree	2001 - 2007

Key Qualifications

Mrs. Van Kempen recently became a social entrepreneur in trade and development through her company Globadev. Globadev brings together the people-networks and years of practical experience Van Kempen gained in the development sector and the water sector, both through voluntary work and as a professional.

Before Globadev, Mrs. Van Kempen worked for over 10 years as a (geo)data expert, programmer and project leader at the Dutch knowledge institute Deltares. Projects included EU- and Worldbank-projects, as well as other large projects executed in consortiums. Projects were often about Drought, water harvesting and resilience. In the last two years water quality monitoring through passive sampling became important. This was piloted in Senegal in a project on plastic recycling to drip irrigation tubes.

Mrs. Van Kempen is a board member of Stichting Steun voor Oudalan (Since 2017) and was on the Board of Faso Association (2011 - 2013). She also volunteers for the Burkina Faso Platform (since 2010) and had an initiative in ICT for Development - Rural Web (Since 2011).

Mrs. Van Kempen has ample experience with programming languages (Python, VB, R and Perl), as well as web-languages (PHP, JSON, CSS, HTML and XML); databases (Access and SQL-server); geodata processing languages (Arcpy) and GIS packages (ESRI ArcGIS, PcRaster, iMOD, Qgis). These languages and technologies allow Mrs. Van Kempen to create automated workflows for data processing – the fast, consistent and retraceable analysis and use of data.

Professional Certification or Membership in Professional Associations:

African Young Professionals Network
Dutch Young Professionals in Development Cooperation
NABC

Other Relevant Training:

2016 Water Harvesting for Water Management in Rural Areas 2015-2016 (Univ. Firenze)
2015 QGIS pizza cursus (Deltares, Gerrit Hendriksen)
2014 Zelfleiderschap voor medioren (Touché)
2014 The World Bank – developments at the World Bank and how to obtain projects (Deltares, by Bob Belk & Kees Bons)
2013 Projectmatig werken – Working in projects / project management at Deltares (Deltares, by M. Hoogvliet & G. van der Kolff)
2013 Summerschool Ondernemen Zonder Grenzen
2011 Hydrological Python for Beginners (Deltares, by H. Winsemius)
2010 Communiceren in projecten (Vergouwen Overduin)
2009 FEWS configuration course - package for real-time geodata management (Deltares)
2009 Resultaatgerichte Zelfsturing (Winner Real Life Leadership; by Victor Mion)

Countries of Work Experience:

Burkina Faso, Senegal, Kenya, Netherlands

Languages Skills

Dutch
English
French
German
Spanish

Writing

Mother tongue
Excellent
Good

Speaking

Mother tongue
Excellent
Excellent
Poor
Poor

Reading

Mother tongue
Excellent
Excellent
Fair
Fair

Employment Record	
2019 - present	Self-employed: Globadev Position: General manager
2008 - present	Employer: Deltares Position(s) held: Project Engineer Hydrology & Hydrogeology
2008 - 2011	Employer: UN-IGRAC Position(s) held: Jr researcher Global Groundwater issues

Detailed tasks assigned on Consultants Team of Experts	Reference to prior work/assignments that best illustrates capability to handle the assignment tasks
Deltares	Name of assignment or project: BLUE2 Year: 2017 - present Location: EU Client: European Commission Main project features: EU integrated policy assessment for the freshwater and marine environment, on the economic benefits of EU water policy and on the costs of its non-implementation Positions held: GIS & Data specialist Activities performed: Data and database management, development of the Deltares data viewer for creation of an online dashboard.
	Name of assignment or project: Catalogue of Drought Hazard and Risk Tools Year: 2017 - 2018 Location: Netherlands Client: World Bank Main project features: Development of an online data catalogue of drought data, platforms and tools for the World Bank. the catalogue contains over 200 drought risk tools available worldwide. Positions held: Data manager & Geoweb developer Activities performed: Conversion of data to both online and offline catalogues. The online catalogue is based on the open source geonetwork application.
	Name of assignment or project: The Greening Plastic Project Year: 2016 - 2018 Location: Senegal Client: Aqua For All, IUCN-NL Main project features: Development project in which a local enterprise in Senegal recycles plastic waste to drip irrigation systems. Deltares applies passive samplers to test for leaching of additives.

	<p>Positions held: Project leader Activities performed: Project management</p>
	<p>Name of assignment or project: MER Northsea Year: 2016 - 2017 Location: Netherlands Client: MER Main project features: Environmental Impact assessment of winning sand in the North Sea. Positions held: GIS & Geodata expert Activities performed: Data management, calculations and visualization of results (C#, VBA, Visual Studio, MS SQL Server)</p>
	<p>Name of assignment or project: Zambia Water Resources Development Project Year: 2016 - 2017 Location: Netherlands Client: World Bank - United States Main project features: Consulting Services to carry out Overall Assessment and Optimisation study and design of the Country hydro-meteorological network. Positions held: GIS & Geodata expert Activities performed: Preparation of maps and data in support of the development and visualization of the hydro-meteorological networks.</p>
	<p>Name of assignment or project: MARS - Managing aquatic ecosystems and water resources under multiple stress Year: 2015 - present Location: EU Client: European Commission Main project features: Water resources globally are affected by a complex mixture of stressors resulting from a range of drivers, including urban and agricultural land use, hydropower generation and climate change. Understanding how stressors interfere and impact upon ecological status and ecosystem services is essential for developing effective River Basin Management Plans and shaping future environmental policy. Positions held: GIS & Geodata expert Activities performed: Preparation of ISIMIP climate data for certain RCP-SSP combinations as input for Climate scenario modelling. Developed workflows in Python to work with NetCDF files.</p>
	<p>Name of assignment or project: MIPWA - Methodiek Interactieve Planvorming Waterbeheer Year: 2015 - 2015 Location: Netherlands Client: Provincie Drenthe Main project features: MIPWA is the detailed groundwater model for the North of the Netherlands. It encompasses the provinces of Groningen, Friesland, Drenthe and Overijssel.</p>

	<p>Positions held: GIS & Geodata expert Activities performed: Contributions to development of the groundwater model for the North of the Netherlands through data management, developing tests for quality control and automated workflow development in Hydroconnect.</p>
	<p>Name of assignment or project: Pilot Groundwater Quality Atlas Year: 2013 - present Location: Netherlands Client: Main project features: Feasibility study for the development of a Groundwater Quality Atlas of part of the Netherlands. Positions held: GIS & geodata expert Activities performed: Assessment of if and how the data could be processed to automatically generated maps with ArcGIS.</p>
	<p>Name of assignment or project: 3R: Artificial recharge potential of the coasts Year: 2011 - 2011 Location: Bangladesh,India,Kenya,Mozambique Client: Aqua for All Main project features: Positions held: Hydrogeologist Activities performed: 3R: Artificial recharge potential of the coasts of Bangladesh, Kenya, Mozambique and Tamil Nadu in India as additional fresh water source and to counter salt water intrusion. Subcontracted to Aua for All's Partner for Water project</p>
	<p>Name of assignment or project: South Sudan Mission Preparation Year: 2012 - 2012 Location: South Sudan Client: Main project features: Positions held: Technical Assistance Activities performed: Preparation of maps & data in support of the Dutch mission to South Sudan as contribution to the multiannual water programme</p>
	<p>Name of assignment or project: GEOSURV training Year: 2011 - 2011 Location: Iraq,Netherlands Client: Main project features: Positions held: Trainer GIS & Hydrology Activities performed: Support in the training of 12 employees of the Geological Survey of Iraq in working with GeoData and Groundwater Models</p>
	<p>Name of assignment or project: Rainwater Harvesting potential of Burkina Faso Year: 2010 - 2010 Location: Burkina Faso Client: RAIN Foundation</p>

	<p>Main project features: Positions held: Hydrogeologist Activities performed: Method development for a decision-support tool</p>
<p>UN-IGRAC</p>	<p>Name of assignment or project: UN-IGRAC Year: 2008 - 2010 Location: France,Switzerland,Global Client: United Nations, WMO Main project features: IGRAC is a UN-initiated groundwater bureau. It contributes to the assessment of the groundwater resources of the world in order to encourage and enhance the conjunctive and sustainable utilisation of both groundwater and surface water and elucidate the impact of groundwater on other ecosystems of the Earth Positions held: Jr Hydrogeologist Activities performed: <input type="checkbox"/> Assessment and mapping of Transboundary Aquifers (TBA) resulting in global and regional updates (a.o. UNECE 2nd assessment, Central Asian & IGAD – East Africa - regions) Including contact with stakeholders and travel for participatory meetings <input type="checkbox"/> Communication with stakeholders, conference preparation and website maintenance for UN-IGRAC and the UN ISARM program (Internationally Shared Aquifer Resources Management) <input type="checkbox"/> Update of the online Global Groundwater Information System (GGIS): collecting and making available groundwater information for all countries in the world; including contact with stakeholders to obtain information and database management <input type="checkbox"/> Conceptual development of the Global Monitoring web-tool – a tool for participatory (web)mapping of groundwater quality and quantity conditions <input type="checkbox"/> Global & regional Assessments for water-related threats: Saline, Arsenic and Fluoride-contaminated groundwater, Aquifer Recharge Potential, abstraction</p>

**Expert's contact
information**

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Certification

I certify that (1) to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience; (2) that I am available for the assignment for which I am proposed; and (3) that I am proposed only by one Offeror and under one proposal.

I understand that any wilful misstatement or misrepresentation herein may lead to my disqualification or removal from the selected team undertaking the assignment.

Name of expert

Cheryl Van Kempen

Signature



Date

18 January 2019