

# CV - R. Kampf

Short name:	KAMPF	Nationality:	Netherlands
Title:	ing.	Date of Birth:	31-08-51
Fullname:	Ruud Kampf	Country of birth:	Netherlands
Initials:	R.	Marital status:	Married
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## CV Details

### Spoken languages:

Dutch	Mother tongue
English	Good
French	Basic
Spanish	Beginner
German	Good
Norwegian	Basic

### Education:

Name of institution:	HTS-Amsterdam
Place:	Amsterdam
Country:	Netherlands
From:	1970
Till:	1974
Field of study/major subjects:	Chemical engineering, process engineering
Degree:	Yes

### Job experience:

#### Position present:

Company name:	Vrije Universiteit
Place:	Amsterdam
Country:	Netherlands

From: 2003  
Till: 2009/2010?  
Guest worker  
Job description: PhD study on Use of treated waste water for nature (incl. Development of the "Daphnia unit" for biological filtration of treated waste water). Promotors professor Nico van Straalen, Vrije Universiteit Amsterdam and professor Jaap van der Graaf, Technical University Delft with support of professor Wim Admiraal of Universiteit van Amsterdam

Position present:

Company name: *Waterboard Hollands Noorderkwartier*  
Place: Edam  
Country: Netherlands  
From: 1991  
Till: 2006/2010?  
Position: Process engineering wastewater treatment and researcher  
Ecological Engineering

Job description: From 1991 - 1995: process engineer and research work on waste water treatment, mainly oxidation ditches.  
From 1995 research work on upgrading effluent quality of STP's into a "usable surface water", inclusive development of constructed wetland systems like the Eversteekoog plant. Food chain studies (Grickleback process): growing Daphnia on treated waste water for nature.  
Development of the Waterharmonica concept: [ww.waterharmonica.nl](http://ww.waterharmonica.nl)  
During the period 1995 - 2003 also worked on sediment quality and restoration of polluted areas, like the large dump site Volgermeer and the polluted nature area IJperveld, close to Amsterdam.

Former position:

Company name: *Organisation for Applied Research TNO*  
Place: Delft  
Country: Netherlands  
From: 1974  
Till: 1991  
Position: Researcher  
Job description: Research in waste water treatment, mainly low loaded activated sludge plants, oxidation ditches, nitrogen and phosphorus removal, sludge treatment, etc.  
Biofilm process in Three-phase airlift reactors.  
Sludge treatment in reed beds, etc.  
Environmental studies, soil pollution, soil quality restoration.

*Countries visited in relation to work:* Austria, Canada, Czech-republic, Great-Britain, Germany, Italy, Ireland, Belgium, France, Kenya, Nepal, Norway, Ukraine, USA.

*Plus extended independent travel experience:*

Alaska, Antarctica, Argentina, Canada, Chile, Eastern Siberia, Mexico, Kenya, Namibia, Oman, South Africa, Zambia, Zimbabwe, etc.

**Additional information:**

Private internet site: [www.rekel.nl](http://www.rekel.nl)

Project internet site: [www.waterharmonica.nl](http://www.waterharmonica.nl)

*Member of:*

Dutch Water Association NVA

International Water Association IWA

International Ecological Engineering Society IEES

Some courses given:

Post-graduated courses Technical University Delft

1999: Meer dan effluent ("more then treated waste water")

2003: Effluent van de toekomst ("treated waste water of the future")

2005: Op weg naar een nieuw effluent ("On our way to new treated waste water")

2005: Stikstofverwijdering uit afvalwater (Nitrogen removal from waste water)

2007: Op weg naar KRW-effluent ("On our way to European Frame Work - treated waste water")

*Courses, lectures on several universities:*

Arcata, California, USA (2003); Waedenswil/Zurich, Switzerland (2004), Venice, Italy (2005); Kharkov, Ukraine (2006); Dar es Salaam, Tanzania (2006 and 2007); Girona, Spain (2007), plus Vrije Universiteit, Amsterdam, Universiteit van Amsterdam, Wageningen University and Research Centre, etc.

*European Union:*

- member of the Eureau working group: Water Recycling and Reuse
- member of the Advisory board of the EU-Neptune project NEPTUNE: New sustainable concepts and processes for optimisation and upgrading municipal wastewater and sludge treatment

*International cooperation:*

Involved in the AquaforAll ([www.a4a.nl](http://www.a4a.nl)) projects

- Matagalpa, Nicaragua: [www.waterharmonica.nl/matagalpa/index.htm](http://www.waterharmonica.nl/matagalpa/index.htm) (on a "distance")
- Shimo la Tewa prison, Mombasa, Kenya: [www.waterharmonica.nl/cases\\_waterharmonica/shimo\\_la\\_tewa.htm](http://www.waterharmonica.nl/cases_waterharmonica/shimo_la_tewa.htm)
  - o Four visits since end of November 2006

Project on water reuse in Kharkov, eastern Ukraine on invitation of the Dutch organisation PUM ([www.waterharmonica.nl/cases\\_waterharmonica/cases\\_rest\\_europa/oekraine/julievsky/yulievsky.htm](http://www.waterharmonica.nl/cases_waterharmonica/cases_rest_europa/oekraine/julievsky/yulievsky.htm)) in June 2006

In 2004 organiser of a special session on the Waterharmonica during the International Intecol Wetland Conference in Utrecht: [www.waterharmonica.nl/conferences/intecol\\_utrecht/index.htm](http://www.waterharmonica.nl/conferences/intecol_utrecht/index.htm)

Two week workshop to improve the sanitary and health situation in four villages around Kathmandu in Nepal in 1998: "Closing the nutrient cycle: a workshop in Nepal": [www.rekel.nl/water/nepal\\_workshop/index.htm](http://www.rekel.nl/water/nepal_workshop/index.htm)

*Hobbies:*

Bird watching (biology of Ospreys ([www.rekel.nl/visarenden](http://www.rekel.nl/visarenden))), travelling, photography (member of NPS Nikon Professional Services), canoeing, rowing.

*Referees:*

Professor N.M. van Straalen, Vrije Universiteit Amsterdam: [nico.van.straalen@ecology.falw.vu.nl](mailto:nico.van.straalen@ecology.falw.vu.nl)

## List of selected references, from 1991

Kampf R, Kampf-Rekelhof C.C.M. Two Dutch birders in Canada. *Canadian Birding* 1991; 2(1):3-17

Claassen T.H.L, Kampf R., 2004. Waterharmonica - a new and widely applicable concept for integrated water management. A report of the Waterharmonica session during the 7th Intecol Wetlands Conference on July 29th 2004. *EcoEng Newsletter* (No.10, December 2004)

Kampf, R.; Toet, S.; Schreijer, M.; Verhoeven, J.T.A., 1996. A constructed wetland system as a buffer between an oxidation ditch and areas with high ecological values, 5th International Conference on Wetland Systems for Water Pollution Control ed., poster. 96 Sep 15-96 Sep 19; Vienna, London

Kampf R., 1996. A note on the feeding behaviour of Magellanic Plover *Pluvianellus socialis*. *Wader Study Group Bulletin*, 80, nr. 709

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Harmsen J., Toorn A. v.d., Boels D., Vermeulen B., Waarde J.v.d., Duijn P.N., Kampf. R., 1999 . Growing biomass to stimulate bioremediation: technical and economic perspective. In: Leeson A, Allema B.C. *Phytoremediation and Innovative Strategies for Specialized Remedial Applications* - 5(6). Batelle Press, San Diego, USA

Kampf, R.; Jak, R., 1999. Growing *Daphnia* on effluent to improve the food situation of Spoonbills on the island of Texel, do *Daphnia* really eat sludge? 4th International Conference on Ecological Engineering for Wastewater Treatment, 7-11 June 1999, As, Norway

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Bolt E., Claassen T.H.L., Kampf R., 1999. Closing the nutrient cycle: why and how. A way to reduce waste water problems. Report on a workshop on community management of waste water (treatment and disposal) in low-income, semi-urban communities in the Kathmandu valley, Nepal, 2-13 November, 1998. [http://www.rekel.nl/water/nepal\\_workshop/index.htm](http://www.rekel.nl/water/nepal_workshop/index.htm), IRC, The Hague, The Netherlands

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Kampf, R.; Graansma,J.; Dokkum,H.P.; Foekema,E.M.; Claassen ,T.H.L., 2003. Increasing the natural values of treated wastewater on the island of Texel, the Netherlands. IWA conference Efficient use and management of water for urban supply, Tenerife, Canary Islands, 2 - 4 April 2003; Tenerife, Spain

Kampf R., Claassen T.H.L., Graansma J., Dokkum H.P., Foekema E.M., 2003. Increasing the natural values of treated wastewater, the Waterharmonica, the missing link to transfer treated wastewater into a usable surface water. In: Mander Ü., Vohla C., Poom A., editors. *International Conference Constructed and riverine wetlands for optimal control of wastewater at catchment scale*. Tartu, Estonia

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Water Management (Oct. 30 - Nov. 2, 2003) Harvard Graduate School of Design, Cambridge Mass., USA

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In: Toet S., 2003. A treatment wetland used for polishing tertiary effluent from a sewage treatment plant: performances and processes. Thesis, Universiteit Utrecht, The Netherlands

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