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## Curriculum Vitae

**Name:** Alex Sonnenborg (Mr.)  
**Profession:** Hydro Geologist  
**Date of birth:** 08-08-1953  
**Education:** M.Sc. Geology, University of Copenhagen, 1980  
**Occupation:** AQVIVA, owner  
**Updated:** 22. February 2010

### Key Qualifications:

Wide experience in human resources development, management and institutional capacity building. Broad expertise in Integrated Water Management and administration of Environmental protection Acts, Water Protection Acts and Soil Protection Acts. Broad expertise in advising politicians on environmental issues. Wide experience in national and regional strategy for environmental protection, environmental monitoring, water management, protection and water supply. Expertise in national and regional strategy and priority concerning contaminated soil. Expertise in environmental and hydro geological mapping, monitoring and modelling. Experience from different working groups in the DK Ministry of Environment. Experience from workgroups concerning the EU Water Framework Directive and the EU Groundwater Directive and associated Research and Development programmes in DK and EU. International experience from projects in Balticum and in Asia on "Implementing Law on Water Resources, Vietnam" and Water Resources Research in Vietnam.

### Employment record and major working assignments:

2006- AQVIVA – Water & Climate  
2000- 2006: Geological Survey of Denmark and Greenland . Head of Department of Hydrology.  
1986-2000: Storstrøms County, Denmark. - Head of Department, Soil and Groundwater .  
1982-1986: Storstrøms County, Denmark, Geological mapping, soil pollution, water supply, environmental monitoring.  
1981-1982: Sønder Jylland County Denmark, Geological mapping.

## Professional Experience

2009: Issuing [www.aqviva.dk](http://www.aqviva.dk)

2008: Consultant for Guldborgsund Municipality on spatial planning, Consultant for EPA DK on revision on national groundwater mapping.

2007: Sick leave

### **GEUS:**

2006: Representative for GEUS in project team in Ministry of Environment for Law on Environmental Objectives

Marts 2006 : 1 mission to Vietnam for DANIDA. "Law on Water Resources".

2005-2006 Representative for GEUS in Interministerial working group on environmental impact from pig farms.

2005-2006 Participating in the EU project BRIDGE on groundwater baseline.

2005- Revision of the National Monitoring Program for Environment and Nature ( Member of the steering board).

2004 -2005: General planning and preparation of multi institutional application for research program under the Danish water-actionplan 3.

2004- Start on Research project on Arsenic in Red River floodplain in Vietnam with Vietnamese and Danish partners.1 mission to Vietnam.

2004- Planning of study tour for Minister and staff from Vietnams Ministry of Environmental Protection (MONRE) to Denmark and France.

2004- Support to GEUS` Deputy Director in several taskforces dealing with the restructuring of the danish administrative set up between national, regional and municipal levels in the environmental sector.

2004 - Member of the ministry's working group on data-management under the restructured Danish administrative set up.

2003/4 - Responsible for GEUS input to national guidelines on implementing the Water Framework Directive.

2003-2004 - GEUS contact person to Odense Pilot River - testing the EU guidelines.

2002-WP-leader on EU-DG-Research project HarmoniCA on "Joint use of monitoring and modelling". Frequently travel activity.

2002- Member of the Harmoni-CA core group. Planning and contributions to 2 general Harmoni-CA sessions every year for water managers and researchers. Frequently travel activity.

2002- 2004 Manager for DANIDA project on Registration and Licensing of Groundwater use and formulation of Policy and strategy on Groundwater Management in Vietnam. 7 missions to Vietnam.

2002-Project-director for DANCEE project on Agricultural influence on Groundwater in Latvia.

2002- Member of the Danish team, EU's Expert Advisory Forum on Groundwater, dealing with the Groundwater Directive

2002-2003 Project Director for integrated research project on the freshwater cyclus in DK.

2002-2003 Project Director for the revision of the National groundwater monitoring programme.

2001-

Member of the team in the Ministry of Environment and Energy dealing with the implementation of the Water Framework Directive in Denmark.

2000- Responsible for GEUS contacts and contracts with the Danish counties.

2000-

Responsible for the National Groundwater Monitoring Programme, Ministry of Environment and Energy.

2000-

Member of the National Committee for Environmental Monitoring.

1999-2002

Member of the Environmental Committee for the Danish Waterworks Association.

**Storstrøms County:**

1999-2000

Initiator and Chairman for the cooperation among Heads of Groundwater Departments in the Danish counties.

1998-1999

Representative for the Danish counties in a national working group preparing Action Plans and new Act for Groundwater Protection.

1996

Representative for the Danish counties in a national working group dealing with The Future Danish Water Supply.

1995

Member of working group dealing with the establishment of the Center for Contaminated Soil in the Danish Counties.

1994

Representative for the Danish counties in a national working group preparing a new Act dealing with contaminated soil and soil protection.

1992-2000

Initiation and implementation of Integrated Water Management, Storstrøms County, Denmark.

1992-2000

Member of the Committee for Integrated Water Management on Zealand, Denmark

1994-1997

Cooperation with Technical University of Gdansk, Poland, in preparation of courses dealing with water and air monitoring; these courses were prepared for industry, administration and public services.

1990-2000

Member of the Steering Committee for Environmental Monitoring of Agricultural Areas.

## **MANAGEMENT:**

1986-2000 Advising the Political Council of Storstrøms County on environmental issues.  
1986-2000.

Management and capacity building for the technical and scientific staff in Technical Department, Storstrøms County, Denmark.

2000-

Management and capacity building, Hydrological Department, GEUS, Ministry of Environment .

2002./ 2003

New company strategy for GEUS with work program 2003-2007..

2004

Responsible for GEUS input to the Danish reform on administrative tasks and technical issues in the environmental sector.

2003 / 4 -

Special effort in improving the financial situation of the department by establishment of new projects on national and international level.

2003 / 4-

Establishment of personal network to the EU research system.

2005-2006 Planning for new GEUS department in Århus

2006: Strategy process in Hydrological Department

**Publications:** Henriksen H.J. and Sonnenborg, A. (Eds.) Freshwater cyclus in DK, GEUS report 2003.