

Nomination of Mr. Oddvar G. Lindholm, Norway



ROYAL NORWEGIAN MINISTRY OF HEALTH AND CARE SERVICES

See enclosed address list

Your ref

Our ref
13/2310-

Date
26.08.2013

Nomination for the Compliance Committee

Dear Sir/Madame,

The Meeting of the Parties of the WHO/UNECE Protocol on Water and Health 23–25 November 2013 are supposed to elect new members to the Compliance Committee of the Protocol. We are pleased to inform you that we would like to support the candidature of Mr. Oddvar G. Lindholm.

Mr. Lindholm is a professor in Water supply and Sewerage at the Norwegian University of Life Sciences (UMB). Mr. Lindholm has broad experience from both research activity and work in international committees. We are sure that Mr. Lindholm would be an asset to the work of the Committee, with his professional background and experience. For more information, please see the attached Curriculum Vitae of Mr. Lindholm (short and long version).

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Kjétil Tveitan'.

Kjétil Tveitan
Assistant Director General

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Curriculum vitae of Mr. Oddvar G. Lindholm

Professor in Water supply and Sewerage. Norwegian University of Life Sciences (UMB).

Date and Place of Birth: Nov. 26. 1944 Oslo, Norway.

Employment history:

-1969-71 VIAK Inc. Consultant engineer. Water works, water resources, hydraulic analysis, pipelines and model analyses of water distribution networks.

-1971-75 NIVA (Norwegian Institute for Water Research) Researcher. Urban hydrology, mathematical modelling of treatment plants and sewerage networks, pollution in combined storm overflows and storm runoff. Sewer and storm runoff networks.

-1975-82 SFT (Norwegian Pollution Control Authority)

Head of Section and department. Pollution from municipalities, permits, grants, etc. Guidelines for planning, design, construction and operation of sewerage systems.

-1982-87 NIVA (Norwegian Institute for Water Research) Researcher / Head of Section /Head of department. Urban hydrology, development of models for sewerage and storm runoff networks, pollution from municipalities, drainage and sewerage.

-1987-88 Strømme Inc. Consulting engineer (Sanitary engineering) Waste water and storm water networks. Urban hydrology and pollution from municipalities.

-1988-90 Ministry of Environment. Head of Section. Management of water resources, water supply, groundwater, Master plans for water development, water power development. Pollution from municipalities.

-1990-96 SFT (Norwegian Pollution Control Authority) Head of Section. Pollution from municipalities, guidelines for planning, design, and operation, environmental management and auditing scheme regulations, permits and grants. Co-ordination and guiding of 18 County Authorities.

-1996- Norwegian University of Life Sciences (UMB). Professor.

Some research activities and projects at University of Life Sciences UMB:

-Urban hydrology. Technical Guidelines for Water and sewerage in Palestine.

-Flooding in cities.

-Dimensioning of storm drainage systems.

-Mathematical models for storm runoff in cities.

-Pollution from urban water systems.

-Scenarios 2020 for the water and sewerage sector in Norway.

-Sustainable infrastructures and valuation of sustainability.

-Best Management Practise (BMP) for storm water runoff.

-Hydraulic losses in the drainage and sewerage systems.

-Participating in COST C8 "Best Practise for Sustainable Infrastructure". 1998-2003.

-Discharge of heavy metals and organic micro pollutants in storm runoff from urban areas.

-Active member of "Urban flood management COST 22". 2005-2010.

-Guidelines for municipalities on water and sewerage networks, storm runoff and urban flooding.

-Insurance and liability questions concerning flooding in cities.

-Sustainable renewal of the water and sewerage networks.

-Status and leakages from the drinking water networks.

-Renewal of water and sewerage networks.

-Effects of climate change on flooding in cities and discharge of pollution.

-Scenarios of flooding and pollution for the Oslofjord area with climate change as a challenge.

-Inflow and infiltration to sewerage networks.

Education and academic background:

-1968 M.Sc. in engineering- Civil and sanitary engineering. Norwegian Institute of Technology (NTH) Trondheim.

-1975 Dr. ing. Sanitary engineering. Thesis: "A Pollutional Analysis of the Combined Sewer System". Norwegian Institute of Technology (NTH) Trondheim.

-Appointed main opponent at 7 Ph.D degrees. One at Chalmers University of Technology, Sweden (CTH), one at Denmark University of Technology (DTH), one at Lund University of Technology, Sweden (LTH) and four at the Norwegian Institute of Technology (NTH) Trondheim. Appointed second opponent at 3 dr. degrees in Sweden and Norway.

International Committees:

-International Committee on Evaluation on Research for sanitary Engineering in Swedish Technical Universities. Appointed by the Swedish Building Council.

-EU's Working Group on the Urban Sewer Drainage Directive.(Brüssel).

-ECE's Working Party on Water Problems (Geneva).

- Member in the Swedish Building Councils "Council for research for infrastructure in Sweden". Appointed by Bygghörsningsrådet.

-Delegate in the EU-research group COST C3 on "Storm Water Runoff as a Resource in the Urban Environment".

-Delegate in the EU-research group COST C8 on "Sustainable Technical Infrastructure".

-Delegate in the EU-research group COST C22 "Urban flood management".

More than 150 publications in international and national journals and submissions to international scientific conferences.