

Curriculum vitae with track record (for researchers)

Role in the project Project manager Project participant

Personal information

First name, Surname:	Bjørnar Ystad		
Date of birth:	03.03.1965	Sex:	Male
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):			
URL for personal website:			

Education

Year	Faculty/department - University/institution - Country
1995 (dissertation defended)	Ph.D. in Applied Mathematics from the University of Bergen
1989	Master in Physics from NTNU (NTH)

Positions - current and previous

Year	Job title – Employer – Country
2018-	Senior Researcher NORCE
06-1990 – 07.1992	Scientist at NDRE
01-1996 - 12-1997	Scientist NTNU/ SINTEF UNIMED
01.1998 – 11.1998	Reservoir engineer Snøhvit Norsk Hydro
12.1998 – 11.2002	Reservoir engineer Troll Norsk Hydro
12.2002 - 03.2006	Reservoir engineer Brage Norsk Hydro
06.2006 – 09.2007	Reservoir engineer Gullfaks Statoil

10.2007 – 02.2008	Reservoir engineer TNE/.../Early phase StatoilHydro
03.2008 – 08.2008	Reservoir engineer Snøhvit StatoilHydro
09.2008 - 08.2011	Geophysicist Rocksource
09.2011 – 06.2014	Senior Reservoir Consultant working at the Visund Fast track projects
09.2014 – 06.2016	Senior Reservoir Consultant working at Brage Wintershall
08.2016 – 09.2018	Project Manager KTN AS

Project management experience

Year	Project owner - Project - Role - Funder
2000-2002	Troll West Oil Province design of new infill wells/Reservoir management, well planning/ reservoir engineering leader/ funding from Norsk Hydro
2005-2006	Development of the Brage Statfjord reservoir/ Leading the subsurface team for the development of the Statfjord reservoir/ funding from Norsk Hydro
2011-2014	New description of the Visund Sør reservoirs/ Leading the team for the development of new geological and reservoir models for Visund Sør. The models were used in the well planning and reservoir management of this reservoir/ funding from Statoil
2014-2016	New description of the Brage Fensfjord reservoir/ Leading the team for the Brage Fensfjord reservoir/ funded by Wintershall
2016-2018	Acoustic non-destructive testing of oil pipes/ Leading the project “Non-intrusive measurements of pipe-line deposit and deformation profiles” in KTN (Rosen) cooperating with CMR/ funding from RFF Vestland

Other relevant professional experiences

Year	Description - Role
1990-1992	Analysis of infrared radiation and images/ scientist/ funded by NDRE
1996-1997	Removal of acoustic noise in infrared imaging/ scientist/ funded by Sintef Unimed, NTNU, NFR

2008-2011	Analysis, design and risking of CSEM (controlled source electromagnetic surveys) in oil exproation/ geophysicist/ funded by Rocksource AS
2016-2018	Development of methods for non-destructive testing of oil pipes by the analysis of pressure pulses/ project leader/ funded by RFF Vestland
2018-2019	Act4storage; investigation of acoustical and chemical methods for the detection of subsurface leakages from gas reservoirs/ scientist/ funded by Climit.

Track record

Publications

(Note: During the period period 1998 – 2016 I mainly worked in operations and exploration departments of oil companies where few results are published in peer review journals.)

2018 Eivind N. Mosland; Kjetil D. Lohne; Bjørnar Ystad and Anders Hallanger, "Pressure Wave Velocity in Fluid-Filled Pipes with and without Deposits in the Low-Frequency Range", Journal of Hydraulic Engineering, Volume 144 Issue 10 October 2018 2000

R. M. Elde, A. N. Haaland, H. E. Ro, B. Ystad, E. Zachariassen: Troll West Reservoir Monitoring by 4D seismic, paper presented at the SPE Petroleum Conference held in Paris 24-25 October 2000. 1996

B. Ystad, E. H. Halvorsen, L. Ødegaard, B. Angelsen and M. Lygren: Wave equation based analysis of phase aberrations in inhomogeneous tissue. IEEE Ultrasonics symposium (1996) 1353- 1356. 1996

L. Ødegaard, E. Halvorsen, B. Ystad, H. G. Torp and B. Angelsen: Delay and amplitude focusing through the body wall. A simulation study. IEEE Ultrasonics symposium (1996) 1411-1414.

1997 H. Hobæk, B. Ystad: Experimental and numerical investigation of shock waves in the postfocal region of a focused sound field. Acustica united with Acta Acustica 83 (1997) 978-986.

1996 B. Ystad, J. Berntsen: Numerical solution of parabolic equations for strongly curved focusing sources. Acustica united with Acta Acustica 82 (1996) 698-706.

1995 B. Ystad, J. Berntsen: Numerical solution of the KZK equation for focusing sources. Acta Acustica 3 (1995) 323-330.

1991 E. Bingen, B.Ystad: Anomalous dispersion in gases derived from optical depth; line-by-line calculations. NDRE/PUBL; 91/1002 Forsvarets forskningsinstitutt Kjeller