

## SHORT CV FOR Anne Gro Veia Salvanes

January 2018

*Evolutionary Ecology Group (EVOFISH),*  
Dept of Biology (BIO), *University of Bergen (UiB)*, Bergen  
**Cell:** +47 99642388 ,  
Email: [Anne.Salvanes@uib.no](mailto:Anne.Salvanes@uib.no)  
**Web:** <http://www.uib.no/persons/Anne.Salvanes>

### EDUCATION

PhD, Fisheries Biology, UiB, December 1991  
Cand Real, Fisheries Biology, UiB, March 1984

### RESEARCH INTERESTS:

My main interests is environmental influence on fish and ecosystem functioning. I have particular interest in biology and ecology of hypoxia tolerant fish in upwelling ecosystems, and on how the nursery environment shapes the development of fish behavior. Model organisms are marine and freshwater fish. I combine field- and experimental work; the fieldwork generates hypotheses that are tested experimentally. I use a basic science approach on applied questions that are relevant for conservation biology and ecosystem management. I have published original articles in the peer-reviewed press in the field of marine ecology, biological oceanography, fish biology, animal behaviour and in the fisheries literature since 1991. Publications are in both general and specialist marine journals.

### PROFESSIONAL EXPERIENCE

Research assistant, Institute of Marine Research, 1985-1987  
Assistant professor, Stord-Haugesund College, 1987-1991  
Post Doc & Senior Researcher, University of Bergen, 1991-2000  
Professor, University of Bergen, 2000 - present  
Prorector (Deputy Vice Chancellor), University of Bergen, 2005-2009  
Visiting professor, NatMIRC, Namibia (3 months, 2011); Nansen-Tutu Centre, University of Cape Town South Africa (2 months, 2010); Penn State University, USA (6 months, 2010); University College London (8 months, 2003-2004); University of Leicester (5 months, 1996)  
Chair of research groups, Systems Ecology Research Group (2001); Aquatic Behavioural Ecology (2004-2005); EVOFISH (spring 2015 and academic year 2016/2017)  
Chair of the Marine Biology Studies, Department of Biology, University of Bergen, 2014 -present  
Cruise leader experience on research cruises and student field courses onboard RV G.O. Sars & Haakon Mosby to Norwegian fjords, the Norwegian Sea and to the Benguela upwelling ecosystem (R.V. Dr. Fridjof Nansen (since 1995)

### UNIVERSITY LEADERSHIP EXPERIENCE – SELECTED TASKS 2005-2009.

Deputy Rector and deputy leader of the University Board; Invited speaker on meetings on Research, PhD education, University organization, Gender politics & Outreach. Representing UiB and UHR on national and international meetings on University Research, Funding and Educational Politics. **Chairing UiB committees:** *University Research Board* and *PhD program*; *Research Ethics Committee*. Member of the

Research Committee of *The Norwegian Association of Higher Education Institutions* and *COIMBRA GROUP Doctoral Studies Working Group*.

### **HONOURS AND AWARDS:**

Fulbright Research Fellow, 2017-2018

Guest editor of special issue for Benguela, *Journal of Marine Systems*, 2017

Academia Europaea Council & Section Chair of Applied and Translational Biology, 2014-2017

Fisheries Society of the British Isles (FSBI), Council member, 2014-2017

FSBI Travel Grant Committee, 2014-2017 (Chair 2016-2017)

EAF-Nansen Science Program, FAO/IMR, Theme leader, Theme 1: Early Life Histories

Member of the Science Committee for the Benguela Symposium-2016

Invitation to Norwegian Academy of Science and Letters, 2013

Akademia Europaea, Leading the organization committee for the 24<sup>th</sup> Annual Conference in Bergen, 2012

Invitation to Academia Europaea, 2011

Research Council of Norway: FRIMEDBIO (2011-2014); FRIBIO (2010-2011); MARESS (1996-2000)

Association of Norwegian Marine Scientists (Norske Havforskeres Forening), President 2002-2004

### **MAJOR RESEARCH GRANTS & FUNDING**

**2018-2020: PRIMA LEARNING:** Connecting hands-on-**PR**actice and **I**nnovative **MA**rine ecological sampling methods and analysis tools for enhancing student **LEARNING** of ocean science; Norwegian Research Council (NRC): NOK 4.5 mill; PI: Salvanes

**2018:** Fulbright Research Fellow Travel Grant, NOK 100.000

**2017-2018:** UiB Seed funding (SPIRE) for cooperation with South Africa, NOK 100.000

**2016-2018:** Olav Thon Foundation for national tuition-related research projects: *Ecosystem, climate and variation in a "marine mini-ecosystem": a fjord in western Norway*, NOK 1.200.000

**2014-2016:** Nansen foundation, *Nursery environments and survival of salmon fry*, NOK 150.000

**2014-2015:** Regional Research Fund West, *Pilot project on field studies of salmon survival*, NOK 200.000

**2012–2013:** UiB University Foundation, 24th Annual conference of Academia Europaea: “*The Nordic Seas – The European Dimension*”, NOK 250.000

**2011-2012:** UiB FRIFORSK, *Life-history strategies in an extreme marine environment: behavioural and physiological adaptations*, NOK 300.000

**2011-2012:** Meltzer-foundation, *Behavioural and molecular mechanisms behind the Benguela goby's (*Sufflogobius bibarbatus*) adaptation to naturally occurring hypoxia*, NOK 400.000

**2010-2011:** Meltzer- foundation, *Causes for the success of the Benguela bearded goby (*Sufflogobius bibarbatus*) between jellyfish and toxic sediments in a heavily overfished ecosystem*, NOK 300.000

**2009-2010:** NRC, travel grant, NOK 100.000

**2008-2010.** NRC, Adjunct Professorship for VA Braithwaite, NOK 700.000

**2007-2009:** NRC FRIBIO, *The trade-off between immune function and brain development in zebra fish*, NOK 3.800.000

**2007-2009:** Norway and South Africa Research Councils, *Gobies and hake in the hypoxic waters of the Benguela up-welling current*, NOK 1.500.000

**2006-2007:** Meltzer foundation, *Fish behaviour and brain developments*, NOK 170.000

**2004-2005:** Irish Hydroelectric Board, *Effect of variable rearing environments on migratory return rates of Atlantic salmon*, NOK 480.000

**2003-2005:** NRC, *Habitat choice and activity in relation to hypoxia and haemoglobin genotype in fish; comparisons across populations and species*; NOK 2.400.000

**2003-2005:** Norway and South Africa Research Councils, *Ecology of the goby *Sufflogobius bibarbatus* in the Benguela upwelling ecosystem*; NOK 1.000.000

**1999- 2003:** NRC, Strategic University Prog. *Environmental influence on fish populations* NOK 7.300.000

## REFEREEING

*For full professorships:* University of Bergen (UiB), University Center Spitsbergen; University of Umeå; University of Iceland; Faroe Islands; University of Tromsø; Bodø University College; Nord University  
*For Associate professorships (UiB)*

*For Principal Researchers (grade 1183) and Research Leaders:* Institute of Marine Research (IMR)

*For Associate lecturer:* Swedish Agricultural University;

*For PhD studentships and research fellow positions:* UiB and IMR

*External Examiner (Opponent) on PhD-Defences:* MqQuire University Australia, University of Tromsø, Norwegian Veterinary Institute, UiB, University of Oslo, University of Bordeaux

*Chairing at UiB:* Examination committees and defenses for PhD

**REFEREE FOR ACADEMIC JOURNALS AND RESEARCH COUNCILS:** Animal Aquatic Biology, Animal Behavior, Animal Cognition, Aquatic Living Resources, Behaviour, Behavioural Ecology, Behavioural Processes, Canadian Journal of Fisheries and Aquatic Sciences, Ecology and Freshwater Fish, Estuaries and Coast, Ethology, Experimental Marine Biology, Fishery Bulletin, Fisheries Oceanography, Fisheries Research, ICES Journal of Marine Science, Journal of Applied Biology, Journal of Applied Ichthyology, Journal of Ethology; Journal of Experimental Biology, Journal of Fish Biology, Journal of the Marine Biological Association of the United Kingdom, Journal of Marine Systems, Journal of Zoology, Marine Biology Research, Marine Ecology, MEPS, National Centre for the Replacement, National Science Foundation, Neurobiology of Learning and Memory, PLoS Biology, PLoS ONE, Polar Biology, Refinement and Reduction of Animals in Research (NC3Rs), Proceedings of the Royal Society London B, Reinventing Fisheries Management - A Fish & Fisheries Series Book Chapman & Hall, Sarsia, Royal Society Open Science, Scottish Aquaculture Research Forum (SARF)

## SUPERVISION - PHD STUDENTS

**Peter Nestory** (co-supervisor, 2016- ongoing): Behavior of parasitized fish in an African lake.

**Olav Moberg** (main supervisor, PhD 2010): Trade-off in fish immune function and brain development of fish

**Arved Staby** (main supervisor, PhD 2010): Acoustic tracking of individual behaviour of *Maurolicus muelleri* (Teleost) related to light and predator occurrence

**Jon Egil Skjæraasen** (main supervisor, PhD 2003): Behaviour, maturation and spawning in cod

**Jon Bent Kristoffersen** (main supervisor, PhD 1999): Mesopelagic fish life history

**Tore Kristiansen** (co-supervisor, PhD 2000): Growth and survival studies on cod

**Kristogou B Suneetha Gunawickrama** (co-supervisor; PhD 2000): Genetics of mesopelagic fish

## SUPERVISION: RESEARCH MASTER STUDENTS, \*Main UiB supervisor.

\***Kristina Dypvik Skants** (2018-ongoing): Environmental variation and ecology of saithe.

\***Elise Eidset** (2018-ongoing): Evaluation of data from coastal fisheries for management purposes

\***Julie Trollebø Kvalheim** (2018-ongoing): Environmental variation and ecology of coastal cod

\***Martine Røystedt Solås**: (2016-ongoing): Effect of rearing environment on juvenile salmon survival

\***Daniel Notvik** (2016- ongoing): Behaviour of Antarctic krill in response to sampling gear

\***Torborg Rustand** (2015 – ongoing): Climate variation and Antarctic krill distribution

\***Synne Myhre Sunde** (2017- ongoing): Feeding behavior of mesopelagic fish in the Northern Atlantic

**Kristine Rokke** (co-supervisor, 2017 – ongoing): Behaviour of mesopelagic fish in response to light

\***Aurelien Delaval** (2015- 2017): Population structure of round-nose grenadier in west Norwegian fjords

\***Janne Stenseng Høye** (2015- 2017). Diet of round-nose grenadier in fjords

\***Ingeborg Bjerkvik Alnes** (2014 –2016): Sensitive learning periods in salmon fry

\***Silje Elvatun Sikveland** (2014 – 2016): Effect of nursery environment on salmon aggression

- \***Anne Marte Fauske** (2015-2016): Effect of nursery environment on salmon feeding behaviour
- \***Moritz Arne Nessim Pohl** (Technical University of Braunschweig, Germany: 2013-2014): Search for the molecular “trick” to survive in sea with little oxygen in Benguela
- \***Maria Larsen Seivåg** (2011-2013): Variation in reproductive strategies in male bearded goby
- \***Yusra Taha** (2011-2013): Variation in maturity and fecundity of the bearded goby
- \***Henrik Christensen (University of Bremen 2013)**: Variation in growth of territorial and sneaker male bearded gobies
- \***Gisle Sverdrup** (2007-2008): Competition between farmed and wild cod
- \***David Allan Strand** (2005-2007): Environmental enrichment and social learning on feeding behaviour in juvenile cod
- \***Lise Langård** (MA 2005-2006): Environmental enrichment and anti-predator behaviour in cod
- \***Selmer O Årsheim** (2002-2006): Temperature and haemoglobin effect on survival of egg and larvae of cod
- \***Francisca Seghers** (Wageningen 2005-2006): Feeding behaviour in cod
- \***Paulus Kainge** (2000-2002): Reproductive biology of Namibian hake
- \***Arved Staby** (2000-02): Biology of orange roughy;
- \***Mandisile Mcquoi** (2000-02): Feeding ecology of *Sephia australis*
- Dung Vo** (2000): Population studies of carp in Vietnam
- \***Judy L Renque** (2002-2005): Diel vertical migration of Namibian *Sufflogobius bibarbatus*
- \***Kristin Smestad** (1998-2001): Individual behaviour in cod
- \***Ian Knutsen** (1996-1998): Digestion in cod
- \***Linda A Hansen** (1997-1999): Feeding behaviour of juvenile with different haemoglobin genotype

## **PUBLICATIONS (\* means I am the corresponding author)**

\***Salvanes AGV**, Gibbons MJ (*in press*) Adaptation to hypoxic environments – bearded gobies *Sufflogobius bibarbatus* in the Benguela upwelling ecosystem. *Journal of Fish Biology*

Gordon TAC, Harding HR, Clever FK, Davidson1 IK, Davison W, Montgomery DW, Nedelec SL, Weatherhead RC, Windsor FM, Armstrong JD, Bardonnnet A, Bergman E, Britton JR, Côté IM, D’Agostino D, Greenberg LA, Harborne AR, Kahilainen KK, Metcalfe NB, Mills SC, Milner NJ, Mittermayer FH, Montorio L, Prokkola JM, Rutterford LA, **Salvanes AGV**, Simpson SD, Vainikka A, Pinnegar JK, Santos EM (*in press*) Fishes in a changing world: learning from the past to promote sustainability of fishpopulations. *Journal of Fish Biology*

\*Delaval A, Dahle G, Knutsen H, Devine J, **Salvanes AGV** (2018) Norwegian fjords contain sub-populations of roundnose grenadier *Coryphaenoides rupestris*, a deep-water fish. *Marine Ecology Progress Series* 586: 181–192 <https://doi.org/10.3354/meps12400>

\***Salvanes AGV**, Devine J, Jensen KH, Hestetun JT, Sjøtun K Glenner H (2018) *Marine Ecological Field Methods. A Guide for Marine Biologists and Fisheries Scientists*. Wiley Blackwell  
<https://www.wiley.com/enno/Marine+Ecological+Field+Methods%3A+A+Guide+for+Marine+Biologists+and+Fisheries+Scientists-p-9781119184348>

\***Salvanes AGV** (2017) Are anti-predator behaviours of hatchery juveniles similar to wild juveniles? *Journal of Fish Biology*. 90: 1785-1796.

Ahlbeck Bergendahl I, **Salvanes AGV**, Braithwaite VA (2016) Determining the effects of duration and recency of exposure to environmental enrichment. *Applied Animal Behaviour Science* 176: 163-169.

\*Seivåg ML, **Salvanes AGV**, Utne-Palm AC, Kjesbu SO (2016) Reproductive tactics of male bearded goby (*Sufflogobius bibarbatus*) in anoxic and hypoxic waters. *Journal of Sea Research* 109: 29-41.

\***Salvanes AGV**, Bartholomae C, Yemane D, Gibbons MG, Kainge P, Krakstad J-O, Rouault M, Staby A, Sundby S (2015) Spatial dynamics of the bearded goby and its key fish predators off Namibia varies with climate and oxygen availability. *Fisheries Oceanography* 24 (Suppl. I): 88-101.

Skrypzeck H **Salvanes AGV**, Currie B, Kotze A (2014) First records of reproductive behaviour and early development for the bearded goby *Sufflogobius bibarbatus*. *Journal of Fish Biology* 84: 1256-1261.

\***Salvanes AGV**, Moberg O, Ebbesson LO, Nilsen TO, Jensen KH, Braithwaite VA (2013) Environmental enrichment promotes neural plasticity and cognitive ability in fish. *Proceedings of the Royal Society, London Series B* 280 <http://dx.doi.org/10.1098/rspb.2013.1331>

Gunawickrama KBS, Westgaard J-I, **Salvanes AGV**, Johansen T (2012) Characterization of polymorphic microsatellite markers for the bearded goby *Sufflogobius bibarbatus*. *Conservation Genetics Resources*. 4: 187-189.

Cedras RB, **Salvanes AGV**, Gibbons MJ (2011) Investigations into the diet and feeding ecology of the bearded goby, *Sufflogobius bibarbatus*, off Namibia. *African Journal of Marine Science* 33:313-320 <http://dx.doi.org/10.2989/1814232X.2011.600431>

Sverdrup GK, Meager JJ, Fernö A, Skjæraasen JE, Rodewald P, **Salvanes AGV**, Järvi T (2011) Territorial and agonistic interactions between farmed and wild cod (*Gadus morhua*). *Aquaculture Research* 42:1539-1548.

Moberg O, Braithwaite VA, **Salvanes AGV** (2011) Effects of habitat enrichment and food availability on the foraging behaviour of juvenile Atlantic cod (*Gadus morhua* L.). *Environmental Biology of Fishes* 91:449-457. <http://www.springerlink.com/content/6463r65753382088/>

\***Salvanes AGV**, Utne-Palm AC, Currie B, Braithwaite VA (2011). Behavioural and physiological adaptations of the bearded goby: a key fish species of the extreme environment of Benguela. *Marine Ecology Progress Series* 425: 193-202. <http://www.int-res.com/abstracts/meps/v425/p193-202/>

Herbert NA, Skjæraasen JE, Nilsen T, **Salvanes AGV**, Steffensen JF (2011). The hypoxia avoidance behaviour of juvenile Atlantic cod (*Gadus morhua* L.) depends on the provision and pressure level of an O<sub>2</sub> refuge. *Marine Biology* 158: 737-746. <http://www.springerlink.com/content/gt7713n428m74576/>

Utne-Palm AC, **Salvanes AGV**, Currie B, Kaartvedt S, Nilsson GE, Braithwaite V, Stecyk JAW, Hundt M, van der Bank M, Flynn B, Sandvik GK, Klevjer TA, Sweetman, AK, Brüchert, V, Pittman K, Peard KR, Lunde IG, Strandabø RAU, Gibbons MJ (2010) Trophic structure and community stability in an overfished ecosystem. *Science* 329: 333-336.

\*Strand DA, Utne-Palm AC, Jakobsen P, Braithwaite VA, Jensen KH, **Salvanes AGV** (2010) Enrichment promotes learning in fish. *Marine Ecology Progress Series* 412:273-282. <http://www.int-res.com/abstracts/meps/v412/p273-282/>

Braithwaite VA, **Salvanes AGV** (2010) Aquaculture and restocking: Implications for conservation and welfare. *Animal Welfare* 19: 139-149.

Gunawickrama KBS, De Silva PMCS, Johansen T, **Salvanes AGV**, Nævdal G. (2010) Preliminary evidence for genetic heterogeneity of the goby (*Sufflogobius bibarbatus*) in the Benguela ecosystem. *Journal of Applied Ichthyology* 26: 110-112.

Kristoffersen JB, **Salvanes AGV** (2009) Distribution, growth, and population genetics of the glacier lanternfish (*Benthoosema glaciale*) in Norwegian waters: contrasting patterns in fjords and the ocean. *Marine Biology Research* 5: 596-604.

Braithwaite VA, **Salvanes AGV** (2008) Cognition: Learning and memory. p. 33- 60 In: Magnhagen C, Braithwaite VA, Forsgren E & Kapoor BG (eds) *Fish Behaviour*. Science Publisher, Inc, Enfield, NH, USA <https://bora.uib.no/handle/1956/3709>

Skjæraasen JE, Nilsen T, Meager JJ, Herbert NA, Moberg O, Tronci V, Johansen T, **Salvanes AGV** (2008) Hypoxic avoidance behaviour in cod (*Gadus morhua* L.): The effect of temperature and haemoglobin genotype. *Journal of Experimental Marine Biology and Ecology* 358: 70-77.

Kainge P, Kjesbu OS, Thorsen A, **Salvanes AGV** (2007) *Merluccius capensis* spawn in Namibian waters, but do *M. paradoxus*? *African Journal of Marine Science* 29: 379-392.  
<http://www.mendeley.com/research/merluccius-capensis-spawn-namibian-waters-m-paradoxus/>

Mqoqi M, Lipinski MR, **Salvanes AGV** (2007) The ecology of *Sepia australis* (Cephalopoda: Sepiidae) along the south coast of South Africa *ICES Journal of Marine Science* 64: 945-955.  
<http://icesjms.oxfordjournals.org/content/64/5/945>

\***Salvanes AGV**, Moberg O, Braithwaite VA (2007). Effects of early experience on group behaviour in fish. *Animal Behaviour* 74:805-811. <http://www.sciencedirect.com/science/article/pii/S0003347207002072>

\***Salvanes AGV**, Braithwaite VA (2006) The need to understand the behaviour of fish we rear for mariculture or for restocking. *ICES Journal of Marine Science*. 63: 346-354.  
<http://icesjms.oxfordjournals.org/content/63/2/345>

Braithwaite V A, **Salvanes AGV** (2005) Environmental variability in the early rearing environment generates behaviourally flexible cod: implications for rehabilitating wild populations. *Proceedings of the Royal Society, London Series B*. 272:1107-1113.  
<http://www.jstor.org/openurl?volume=272&date=2005&spage=1107&issn=09628452&issue=1568>

\***Salvanes AGV**, Braithwaite VA (2005) Exposure to variable spatial information in the early rearing environment generates asymmetries in social interactions in coastal cod. *Behavioural Ecology and Sociobiology* 59 (2): 250-257 <http://www.springerlink.com/content/u54v71566165284j/>

\***Salvanes AGV** (2004) Mesopelagic fish. Pp 247-260 in *The Norwegian Sea Ecosystem* (e.d. H.R. Skjoldal), Tapir, Trondheim, Norway

\***Salvanes AGV**, Skjæraasen JE, Nilsen T (2004) Subpopulations of coastal cod with different behaviour and life history strategies. *Marine Ecology Progress Series* 267:241-251.  
<https://bora.uib.no/handle/1956/3507>

Skjæraasen JE, **Salvanes AGV**, Karlsen Ø, Dahle R, Nilsen T, Nordberg B (2004). The effect of photoperiod on sexual maturation, appetite and growth in wild Atlantic cod (*Gadus morhua* L.). *Fish Physiology and Biochemistry* 30 (2):163-174. <http://www.springerlink.com/content/t40243744v52468w/>

Huse G, Giske J, **Salvanes AGV** (2002) Individual based modelling. *Book chapter*: Volum II, Chapter 11, Handbook of Fish and Fisheries, Blackwell Science

- \***Salvanes AGV** (2001) Review of ecosystem models for fjords; new insights of relevance for fisheries management. *Sarsia* 86:441-463. <https://bora.uib.no/handle/1956/3866>
- \***Salvanes AGV** (2001) Ocean Ranching (stock enhancement). Pp. 1973-1982 in *Encyclopedia of Ocean Sciences* (eds: J. Steele, S. Thorpe & K. Turekian), Academic Press Ltd.
- Kristoffersen JB, **Salvanes AGV** (2001) Sexual size dimorphism and sex ratio in Müllers pearlside (*Maurolicus muelleri*). *Marine Biology* 138:1087-1092.  
<http://www.springerlink.com/content/5muatxfkqdf50w86/>
- \***Salvanes AGV**, Kristoffersen JB (2001) Mesopelagic Fish (life histories, behaviour, adaptation). Pp. 1711-1717 in *Encyclopedia of Ocean Sciences* (eds: J. Steele, S. Thorpe & K. Turekian), Academic Press Ltd.
- Suneetha KB, **Salvanes AGV** (2001) Population genetic structure of the glacier lanternfish *Benthoosema glaciale* (Myctophidae) in Norwegian waters. *Sarsia* 86:203-212. <https://bora.uib.no/handle/1956/3872>
- Svåsand T, Kristiansen TS, Pedersen T, **Salvanes AGV**, Engelsen R, Nævdal G, Nødtvedt M (2000) The biological and economical basis of cod stock enhancement. *Fish and Fisheries* 1:173-205.  
<http://onlinelibrary.wiley.com/doi/10.1046/j.1467-2979.2000.00017.x/abstract>
- Hart PJB, **Salvanes AGV** (2000) Causes of individual variation in competitive performance in juvenile cod. *Journal of the Marine Biological Association UK* 80:569-570 <https://bora.uib.no/handle/1956/3505>
- \***Salvanes AGV**, Hart PJB (2000) Is individual variation in competitive performance of juvenile cod related to haemoglobin genotype? *Sarsia* 85:265-274. <https://bora.uib.no/handle/1956/3874>
- \*Knutzen I, **Salvanes AGV** (1999) Temperature-dependent digestion handling time in juvenile cod and possible consequences for prey choice. *Marine Ecology Progress Series* 181:61-79.  
<https://bora.uib.no/handle/1956/3506>
- Asplin L, **Salvanes AGV**, Kristoffersen JB (1999) Non-local wind-driven fjord-coast advection and its potential effect on pelagic organisms and fish recruitment. *Fisheries Oceanography* 8:255-263.  
<http://onlinelibrary.wiley.com/doi/10.1046/j.1365-2419.1999.00109.x/abstract>
- Kristoffersen JB, **Salvanes AGV** (1998) Life history of *Maurolicus muelleri* in fjordic and oceanic environments. *Journal of Fish Biology* 53: 1324-1341. <http://onlinelibrary.wiley.com/doi/10.1111/j.1095-8649.1998.tb00252.x/abstract>
- Flaaten O, **Salvanes, AGV**, Schweder T, Ulltang Ø (1998) Fisheries management under uncertainty - an overview. *Fisheries Research* 37: 1-6.
- Giske J, **Salvanes AGV** (1999) A model for enhancement potentials in open ecosystems. Pp. 22-36 in "*Stock Enhancement and Sea Ranching*", Eds: B.R. Howell (UK), E. Moksness (Norway) and T. Svåsand (Norway), Blackwell Fishing, News Books
- Kristoffersen JB, **Salvanes AGV** (1998) Formaldehyde and ethanol preservation of mesopelagic fish: Effects on size, weight, and quality of body and otoliths. *Sarsia*:83:95-102. <https://bora.uib.no/handle/1956/3877>

- \***Salvenes AGV**, Baliño B (1998) Production and fitness in a fjord cod population: An ecological and evolutionary approach. *Fisheries Research* 37: 143-161.  
<http://www.sciencedirect.com/science/article/pii/S0165783698001337>
- \***Salvenes AGV**, Hart PJB (1998) Individual variability in state-dependent feeding behaviour in three-spined stickleback. *Animal Behaviour* 55: 1349-1359.  
<http://www.sciencedirect.com/science/article/pii/S0003347297907077>
- Holst JC, **Salvenes AGV**, Johansen T (1997) Feeding, *Ichthyophonus* sp. infection, distribution and growth history of Norwegian spring-spawning herring in summer. *Journal of Fish Biology* 50: 652-664.
- \***Salvenes AGV**, Stockley BM (1996) Spatial variation of growth and gonadal developments of *Maurolicus muelleri* in the Norwegian Sea and in a Norwegian fjord. *Marine Biology* 126:321-332.  
<http://www.springerlink.com/content/p5h48602uu217884/>
- \***Salvenes AGV**, Aksnes DL, Fosså JH, Giske J (1995) Simulated carrying capacities of fish in Norwegian fjords *Fisheries Oceanography* 4(1): 17-32. <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2419.1995.tb00058.x/abstract>
- \***Salvenes AGV** (1995) Pollack (*Pollachius pollachius*) stock size development and potential influences on cod (*Gadus morhua* L.) mariculture in a west Norwegian fjord. *Fisheries Research* 24:223-242.  
<http://www.sciencedirect.com/science/article/pii/016578369500369L>
- \***Salvenes AGV**, Aksnes DL, Giske J (1995) A surface-dependent gastric evacuation model for fish. *Journal of Fish Biology* 47:679-695 <http://onlinelibrary.wiley.com/doi/10.1111/j.1095-8649.1995.tb01934.x/abstract>
- Giske J, **Salvenes AGV** (1995) Why pelagic fishes should be unselective feeders. *Journal of Theoretical Biology* 173:41-50. <http://www.sciencedirect.com/science/article/pii/S0022519305800037>
- \***Salvenes AGV**, Giske J, Nordeide JT (1994) Life history approach to habitat shifts for coastal cod. *Aquaculture and Fisheries Management* 25, supplement 1: 215-228.
- Smedstad O, **Salvenes AGV**, Fosså JH, Nordeide JT (1994) Enhancement of cod in Masfjorden: An overview. *Aquaculture and Fisheries Management* 25, supplement 1: 117-128.
- Nordeide JT, Fosså JH, **Salvenes AGV**, Smedstad O (1994) Testing if year-class strength of coastal cod (*Gadus morhua* L.) can be determined at the juvenile stage. *Aquaculture and Fisheries Management* 25, supplement 1: 101-116.
- Fosså JH, Nordeide JT, **Salvenes AGV**, Smedstad O (1994) Impacts of released cod on wild fish populations in Masfjorden, western Norway. *Aquaculture and Fisheries Management* 25, supplement 1: 35-48.
- \***Salvenes AGV**, Nordeide J (1993) Dominating sublittoral fish species in a west Norwegian fjord and their trophic links to cod (*Gadus morhua* L.). *Sarsia* 78:221-234. <https://bora.uib.no/handle/1956/3875>
- \***Salvenes AGV**, Aksnes DL, Giske J (1992) Ecosystem model for evaluating potential cod production in a west Norwegian fjord. *Marine Ecology Progress Series* 90: 9-22. <https://bora.uib.no/handle/1956/3508>



\***Salvanes AGV**, Ulltang, Ø (1992) Population parameters, migration and exploitation of the cod (*Gadus morhua* L.) in Masfjorden, western Norway. *Fisheries Research* 15: 253-289.

<http://www.sciencedirect.com/science/article/pii/016578369290019P>

\***Salvanes AGV** (1991) The selectivity for cod (*Gadus morhua* L.) in two experimental trammel-nets and one gillnet. *Fisheries Research* 10: 265-285.

<http://www.sciencedirect.com/science/article/pii/016578369190080Y>

Nordeide JT, **Salvanes AGV** (1991) Observations on newly released and wild cod (*Gadus morhua* L.) and their potential predators. *ICES Marine Science Symposia* 192:139-146.

Giske J, Aksnes DL, Baliño B, Kaartvedt S, Lie U, Nordeide JT, **Salvanes AGV**, Wakili SM, Aadnesen A (1990) Vertical distribution and trophic interactions of zooplankton and fish in Masfjorden, Norway. *Sarsia* 75: 65-81. <https://bora.uib.no/handle/1956/3876>