**Curriculum Vitae for Rikke Guldborg Hansen**

Rikke Guldborg Hansen

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Date of birth: 23 February 1981, Nysted, Denmark

Rikke Guldborg Hansen

Address: L. I. Brandes Alle 18 st th, 1956 Frederiksberg C

Phone: 40 29 54 85

E-mail: rgh@ghsdk.dk

Work history

**Researcher**

Pinngortitaleriffik

**Research assistant**

Pinngortitaleriffik

**Student assistant**

Pinngortitaleriffik

**Administrative officer at CITES**\*

The Danish Environmental Protection Agency

\*Convention on International Trade in Endangered Species of Wild Fauna and Flora

**Custodian**

Natural history museum of Denmark

*2015-Present*

*2010-2014*

*2007-2010*

*2008-2009*

*2007-2010*

Education

**MSc in Biology**

University of Copenhagen

Title: *Abundance and distribution of long-finned pilot whales, white-beaked dolphins and harbour porpoises in West Greenland*

*2006-2010*

**BSc in Biology**

University of Copenhagen

*2006-2010*

Memberships

**Board member**

* DMMS

*2017-present*

*2016-present*

*2015-present*

*2016-present*

**Scientific committee member**

* The IWC working group on Aboriginal Whaling Management

**Scientific committee member**

* NAMMCO

**Chair**

* JCNB SWG (The Scientific Working Group of the Joint Commission on Narwhals and Beluga (JCNB)

**Scientific committee member**

* JCNB SWG (The Scientific Working Group of the Joint Commission on Narwhals and Beluga (JCNB)

*2009-2015*

Scientific achievements

**Editor**

* The NAMMCO Scientific Publication series

**Reviewer**

* The NAMMCO Scientific Publication series
* Polar Biology
* Arctic
* Polar Research
* Polar Science
* Advances of Polar Science
* African Journal of Marine Science
* World Wildlife Fund (WWF) reports

*2010-present*

*2016-present*

**Presentations**

* IWC working group on Aboriginal Whaling Management
* NAMMCO SC
* NAMMCO working groups
* JCNB
* JCNB SWG
* SMM
* ECS
* Pinngortitaleriffik
* Ilimmarfik
* University of Copenhagen
* University of Aarhus
* Industry, oil companies

**Posters**

* SMM
* ECS
* DMMS

**Public talks**

* Højskole
* Public school

*2007-present*

Publications list

Peer reviewed papers

**2017**

**Abundance of whales in West and East Greenland in summer 2015.** Hansen RG, Boye TK, Larsen RS, Nielsen NH, Tervo O, Nielsen RD, Rasmussen MH, Sinding MHS and Heide-Jørgensen MP. 2017. *NAMMCO Scientific Publication series (in press)*

**Narwhal sightings during aerial surveys over Melville Bay, West Greenland: A comparison between digital image analysis and real-time observations.** Bröker K, Hansen RG, Leonard K, Koski WR and Heide-Jørgensen MP. 2017. *Marine Mammal Science (in press)*

**New summer feeding ground of humpback whales in the North Atlantic.** Hansen RG and Heide-Jørgensen MP. 2017. *(in progress)*

**Distribution of narwhals in changing sea ice conditions***.* Hansen RG, Heide-Jørgensen MP, Nielsen NH and Fossette S. 2018. *(in progress)*

**Winter occurrence of marine mammals in the Northeast Water Polynya.** Hansen RG and Heide-Jørgensen MP. 2018. *(in progress)*

**Walrus Movements in Smith Sound: A Canada–Greenland Shared Stock.** Heide-Jørgensen MP, Flora J, Andersen AO, Stewart REA, Nielsen NH and Hansen RG. 2017. *Arctic 70(3):308. DOI: 10.14430/arctic4661*

**Diving behavior of the Atlantic walrus in high arctic Greenland and Canada.** Garde E, Jung-Madsen S, Ditlevsen S, Hansen RG, Zinglersen KB and Heide-Jørgensen MP. 2017. *Journal of Experimental Marine Biology and Ecology (in press)*

**Unique offshore preference in West Greenland harbour porpoises.** Nielsen NH, Teilmann J, Sveegaard S, Hansen RG, Dietz R and Heide-Jørgensen MP. 2017. *Marine Ecology Progress Series (in press)*

**Rebuilding beluga stocks in West Greenland.** Heide-Jørgensen MP, Hansen RG, Fossette S, Nielsen NH, Borchers DL, Stern H and Witting L. 2017. *Animal Conservation, 20: 282–293. DOI: 10.1111/acv.12315*

**2016**

**Large numbers of marine mammals winter in the North Water polynya.** Heide-Jørgensen MP, Sinding MHS, Nielsen NH, Rosing-Asvid A and Hansen RG. 2016. *Polar Biology. DOI: 10.1007/s00300-015-1885-7*

**2015**

**The predictable narwhal: Satellite tracking shows behavioural similarities between isolated subpopulations.** Heide-Jørgensen MP, Nielsen NH, Hansen RG, Schmidt HC, Blackwell SB and Jørgensen OA. 2015. *Journal of Zoology. DOI: 10.1111/jzo.12257*

**2014**

**Trends in bowhead whales in West Greenland; Aerial surveys vs. genetic capture recapture.** Rekdal SL, Hansen RG, Borehers D, Bachrnann L, Laidre KL, Wiig Ø, Nielsen NH, Fossette S, Tervo O and Heide-Jørgensen MP. 2014. *Marine Mammal Science DOI: 10.1111/mms.12150*

**Stomach temperature of narwhals *(Monodon monoceros)* during feeding events.** Heide-Jørgensen MP, Nielsen NH, Hansen RG and Blackwell S. 2014.
*Animal Biotelemetry 2:9 http://www.animalbiotelernetry.com/content/2/1/9*

**2013**

**Spatial trends in abundance of long-finned pilot whales, white-beaked dolphins and harbour porpoises in West Greenland.** Hansen RG and Heide-Jørgensen MP. 2013. *Journal of Marine Biology 160: 2929-2941*

**Abundance of walruses in Eastern Baffin Bay and Davis Strait.** Heide-Jørgensen MP, Laidre KL, Fossette S, Rasmussen M, Nielsen NH and Hansen RG. 2013. *NAMMCO Scientific Publications DOI: http://dx.doi.org/10.7557.3.2606*

**Winter and spring feeding behavior of bowhead whales relative to prey.** Heide-Jørgensen MP, Laidre KL, Nielsen NH, Hansen RG and Røstad A. 2013. *Animal Biotelemetry 1-15*

**2012**

**Recent abundance of bowhead whales in Isabella Bay, Canada.** Hansen RG, Heide-Jørgensen MP and Laidre KL. 2012. *Journal of Cetacean Research and Management 12(3): 317-319*

**Narwhals and seismic exploration: Is seismic noise increasing the risk of ice entrapment?** Heide-Jørgensen MP, Hansen RG, Westdal K, Reeves RR and Mosbech A. 2012. *Biological Conservation 158: 50-54*

**The significance of the North Water Polynya to Arctic top predators.** Heide-Jørgensen MP, Burt ML, Hansen RG, Nielsen NH, Rasmussen M, Fossette S and Stern H. 2012. *AMBIO 42: 596-610*

**2011**

**Rate of increase and current abundance of humpback whales in West Greenland.** Heide-Jørgensen MP, Laidre KL, Hansen RG, Burt ML, Borchers DL, Hansén J, Harding K, Rasmussen M, Dietz R and Teilmann J. 2011. *Journal of Cetacean Research and Management 12(1): 1-14*

**2010**

**Abundance of narwhals (Monodon monoceros) on the hunting grounds in Greenland.** Heide-Jørgensen M P, Laidre KL, Burt ML, Borchers DL, Marques TA, Hansen RG, Rasmussen M and Fossette S. 2010. *Journal of Mammalogy 91(5):1135–1151*

**Estimates of minke whale abundance in West Greenland in 2007.** Heide-Jørgensen M P, Witting L, Laidre KL, Hansen RG and Rasmussen M. 2010. *Journal of Cetacean Research and Management 11(2):75-82*

Working documents

**2017**

**Surfacing time, availability bias and abundance of humpback whales in West Greenland.** Heide-Jørgensen MP et al. 2015. *NAMMC*O SC/24/AS/O01

**Abundance of narwhals at the hunting areas in East Greenland in 2008 and 2016.** Hansen RG et al. *NAMMCO/SC/24/JCNB/SWG/2017/JWG/18*

**East Greenland narwhal depth correction factor for aerial surveys.** Riisager-Pedersen C et al. *NAMMCO/SC/24/JCNB/SWG/2017/JWG/17*

**Catch statistics for belugas in Greenland 1862 to 2016.** Heide-Jørgensen MP, Hansen RG, Garde E. *NAMMCO/SC/24/JCNB/SWG/2017/JWG/06rev*

**Reconstructing catch statistics for narwhals in Greenland 1862 to 2016.** Heide-Jørgensen MP, Hansen RG, Garde E. *NAMMCO/SC/24/JCNB/SWG/2017/JWG/07*

**2016**

**Abundance of whales in East and West Greenland in 2015.** Hansen RG et al. *NAMMCO SC/23/AE/08*

**An index of the relative abundance of minke whales in West Greenland.** Heide-Jørgensen MP and Hansen RG. *NAMMCO SC/23/AE/06*

**Abundance of whales in east and west Greenland in 2015**. Hansen R, Boye T, Larsen R, Nielsen R, Tervo O, Singing M, Heide-Jorgensen MP. IWC SC/D16/AWMP06

**An index of the relevant abundance of minke whales in west Greenland**. Heide-Jorgensen MP, Hansen RG. *IWC SC/D16/AWMP07*

**2015**

**Abundance of narwhals in Melville Bay.** Hansen RG et al. *NAMMCO/SC/22JCNB/SWG/2015-JWG/14*

**Narwhals in E Baffin Bay.** Hansen RG et al. *NAMMCO/SC/22JCNB/SWG/2015-JWG/15*

**Abundance of belugas in West Greenland 2012.** Heide-Jørgensen MP et al. *NAMMCO/SC/22-JCNB/SWG/2015-JWG/11*

**Winter abundance of large marine mammals in the North Water.** Heide-Jørgensen MP et al. *NAMMCO/SC/22-JCNB/SWG/2015-JWG/08*

**Reconstructing catch statistics for narwhal in Greenland 1862 to 2014.** Heide-Jørgensen MP and Hansen RG. *NAMMCO/SC/22-JCNB/SWG/2015-JWG/06*

**Catch statistics for belugas in Greenland 1862 to 2014.** Heide-Jørgensen MP and Hansen RG. *NAMMCO/SC/22-JCNB/SWG/2015-JWG/05*

**Narwhal Catch Allocation Subgroup Report.** *NAMMCO/SC/22-JCNB/SWG/2015-JWG/17*

**2013**

**Extensive offshore movements of harbour porpoises (Phocoena phocoena).** Nielsen et al. *NAMMCO SC/20/HP/08*

**Revised abundance estimate of harbour porpoise in West Greenland.** Heide-Jørgensen et al. *NAMMCO SC/20/HP/07*

**Satellite tracking of Atlantic walruses from Northwest Greenland.** Heide-Jørgensen et al. *NAMMCO SC/20/WWG/04*

**The significance of the North Water Polynya to Arctic Top Predators.** Heide-Jørgensen MP, Burt LM, Hansen RG, Nielsen NH, Rasmussen M, Fossette S, Stern H. *NAMMCO/SC/20/WWG/010*

**Abundance of walruses in Eastern Baffin Bay and Davis Strait.** Heide-Jørgensen MP, Laidre KL, Fossette S, Rasmussen M, Nielsen NH, Hansen RG. *NAMMCO/SC/20/WWG/011*

**2012**

**Satellite tracking of narwhals in East Greenland.** Heide-Jørgensen MP, Nielsen NH and Hansen RG. *NAMMCO/SC/19-JCNB/SWG/2012-JWG/18*

**Surveys of belugas and narwhals in the North Water 2009 and 2010.** Heide-Jørgensen MP, Hansen RG, Nielsen NH, Burt ML. *NAMMCO/SC/19-JCNB/SWG/2012-JWG/16*

**Reconstructing catch statistics for narwhal in Greenland 1862 to 2011.** Heide-Jørgensen MP and Hansen RG. *NAMMCO/SC/19-JCNB/SWG/2012-JWG/15*

**Catch statistics for belugas in Greenland 1862 to 2011.** Heide-Jørgensen MP and Hansen RG. *NAMMCO/SC/19-JCNB/SWG/2012-JWG/14*

**2010**

**Recent abundance of bowhead whales in Isabella Bay, Canada.** Hansen RG, Heide-Jørgensen MP, Laidre KL. *IWC SC/62/BRG 28*

**2009**

**Rate of increase and current abundance of humpback whales in West Greenland.**Heide-Jørgensen MP et al. *NAMMCO SC/17/AE /06*

**Abundance of fin whales in West Greenland in 2007.** Heide-Jørgensen MP et al. *NAMMCO SC/17/AE /07*

**Estimates of minke whale abundance in West Greenland in 2007.** Heide-Jørgensen MP et al. *NAMMCO SC/17/AE /08*

**Abundance and distribution of long-finned pilot whale, white-beaked dolphin and harbour porpoise from Greenland aerial survey 2007.** Heide-Jørgensen MP et al. *NAMMCO SC/17/AE /09*

**The significance of the North Water to whales and walruses.** Heide-Jørgensen MP, Burt ML, Hansen RG, Born EW, Rasmussen M. *NAMMCO SC/17/WWG/09*

**Abundance and trends in abundance of the Atlantic walrus (Odobenus rosmarus rosmarus) in Central West Greenland.** Heide-Jørgensen MP, Born EW, Laidre KL, Fossette S, Hansen RG, Dietz R, Rasmussen M, Stern H. *NAMMCO SC/17/WWG/04*

**Abundance of narwhals (Monodon monoceros) in Greenland.** Heide-Jørgensen MP, KL Laidre, Burt ML, Borchers DL, Hansen RG, Rasmussen M, Fossette S. *NAMMCO/SC/16-JCNB/SWG/2009-JWG/20*

**Revised estimates of minke whale abundance in West Greenland in 2007**. Heide-Jørgensen MP, L Witting, KL Laidre and RG Hansen. *IWC SC Madeira SC/61/AWMP4*

**Fully corrected estimates of minke whale abundance in West Greenland in 2007.** Heide-Jørgensen MP, Witting L, Laidre KL, Hansen RG, Rasmussen M. *IWC SC/M09/AWMP3*

**2008**

**Revised abundance estimates of humpback whales in West Greenland.** Heide-Jørgensen MP, Laidre KL, Hansen RG, Rasmussen M, Burt ML, Borchers DL, Dietz R, Teilmann J. *IWC SC/60/AWMP7*

**Rapporteur and editor**

**2017**

NAMMO SC, Large Whale Assessment Working Group

NAMMCO-JCNB Joint Scientific Working Group on Narwhal and Beluga

NAMMCO, A Global Review of Monodontids

**2016**

NAMMCO SC, Large Whale Abundance Estimate Working Group

NAMMCO SC, Annual Report 2016

IWC, Aboriginal Subsistence Whaling Management Procedure workshop

**2015**

NAMMCO-JCNB Joint Scientific Working Group on Narwhal and Beluga

NAMMCO-JCNB Joint Scientific Working Group on Narwhal and Beluga, Narwhal Catch Allocation Sub-group

NAMMO SC, Large Whale Assessment Working Group

NAMMCO, Disturbance Symposium Report

NAMMCO, Planning Committee on the Trans North Atlantic Sightings Survey (T-NASS) Working Group V

NAMMCO, Working Group on Survey Planning

IWC, Aboriginal Subsistence Whaling Management Procedure workshop

**2014**

NAMMCO, TNASS2015 Joint Technical, Planning, and Steering Meeting

NAMMCO-JCNB Joint Scientific Working Group on Narwhal and Beluga, Narwhal Catch Allocation Sub-group

**2013**

NAMMCO SC, Working Group on Walrus

**2012**

NAMMCO-JCNB Joint Scientific Working Group on Narwhal and Beluga

**2011**

NAMMCO SC, Large Whale Abundance Estimate Working Group TNASS M8

NAMMCO SC, Working Group on Survey Planning

**2009**

NAMMCO SC, Large Whale Abundance Estimate Working Group

NAMMCO SC, Working Group on Walrus