

Jørgen Skancke
Research Scientist, Marine Environmental Modeling
SINTEF Materials and Chemistry
Brattørkaia 17C Trondheim,
Norway 7010

a. Professional Preparation

University of Tromsø	Applied mathematics	M.S., 2008
NTNU (Trondheim)	Computational biology	Ph.D., 2016

b. Appointments

2016 – present	SINTEF, Research Scientist, Trondheim
2012 - 2016	SINTEF, Master of Science, Trondheim

c. Publications

J. Skancke. (2016).

"Over what area did the oil and gas spread during the 2010 Deepwater Horizon oil spill?" *Oceanography* 29, no. 3: 96–107

Skancke, J., Bar, N., Kuiper, M, & Hsu, L. (2015)

"Sequence-Dependent Promoter Escape Efficiency Is Strongly Influenced by Bias for the Pretranslocated State during Initial Transcription." *Biochemistry* 54.28: 4267-4275.

Kucharova, V., **Skancke, J.**, Brautaset, T., & Valla, S. (2013):

"Design and optimization of short DNA sequences that can be used as 5' fusion partners for high-level expression of heterologous genes in Escherichia coli." *Applied and environmental microbiology* 79.21: 6655-6664.

Djebali, S. et al. (note: 52 authors, not listing all of them here) (2012): "Landscape of transcription in human cells." *Nature* 489.7414: 101-108.

d. Synergistic Activities

- Development of the OSCAR oil spill model
- Development of the DREAM pollutant model

e. Collaborators & Other Affiliations

(i) Collaborators

Beegle-Krause, C.J (SINTEF), Brakstad, C. (SINTEF), Özgökmen, T.M (University of Miami), Chassignet, E.P (Florida State University), Daae R. (SINTEF), Dawson, C. N. (University of Texas Austin), Dukhovskoy, D. (Florida State University), Jacobs, G. (Naval Research Laboratory), Ledwell, J. (Woods Hole Oceanographic Institution), Garcia-Pineda O. (WaterMapping LLC), MacDonald I. R. (Florida State University), Morey L. (Florida State University), Nepstad R. (SINTEF), Olascoaga M.J. (University of Miami), Poje A. C. (City University of New York), Reed M. (SINTEF), Stefanaoks C. (SINTEF)

(ii) Graduate and Postdoctoral Advisors. Nadav Bar (NTNU), Martin Kuiper (NTNU)

(iii) Thesis Advisor and Postgraduate-Scholar Sponsor. None