



Tiina Katriina Kilpeläinen

Vei 232, 5B  
9170 LONGYEARBYEN

Your ref

Our ref  
2007/10579-KRKA

Date  
12.05.2011

Dear Tiina K. Kilpeläinen

## Acceptance of accomplishment of the training component of the PhD degree

The PhD Committee at the Geophysical Institute dealt with your application, and decided to accept your accomplishment of the study plan as part of the PhD programme.

Working title of the dissertation: "Air-Ice-Sea interaction in the Fjords of Svalbard"  
Supervisory committee: Anna Sjöblom Coulson (principal supervisor), Frank Nilsen (co-supervisor) and Haraldur Olafsson (co-supervisor)

Your accomplishment of the study plan is accepted and includes:

<b>Part 1:</b>		<b>Credits</b>	<b>Year</b>
MNF490	Theory of science and ethics	3 ECTS	2007/fall
AGF311, UNIS	Air-Ice-Sea Interaction II	10 ECTS	2007/fall
AGF211, UNIS	Air-Ice-Sea Interaction I	15 ECTS	2005/spring
Summer School	Air-Sea Interaction	3 ECTS	2006/fall
<b>Part 2:</b>			
Presentation on int. conf. Presentation International Conference with Poster; "Spatial variability and topographic effects over Arctic fjords in Svalbard" (European Geoscience Union General Assembly 2010, Vienna, Austria, 02-07 May 2010".		2 ECTS	2010/spring
Outreach course, UiT: <i>Teaching and Learning in Higher Education</i>		1 ECTS	2010/spring

In addition you must give a trial lecture over a given topic after your thesis is handed in.

Yours sincerely,

Joachim Reuder  
Leader, PhD committee

Kristin Kalvik  
Senior Executive Officer

Enclosure(s):

Copy  
Faculty of Mathematics and Natural  
Sciences  
Anna Sjöblom Coulson



Anna Tsoukala

Department of Chemistry

Your ref

Our ref  
2008/12881-HEOM

Date  
13.04.2011

Dear Anna Tsoukala,

### Answer to application for final approval of the training component for the PhD study

With reference to your application of 08.04.11 for final approval of the training component for the PhD study.

The PhD Committee at the Department of Chemistry has dealt with your application, and decided to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "Novel Antioxidants for Marine Lipids".

Supervisory committee: Professor Hans-René Bjørsvik (principal supervisor),  
Professor George W. Francis (co-supervisor).

Your accomplishment of the study plan is accepted and includes:

Part 1:			
Course code	Title	Credits	Year/semester
KJEM233	Organic Mass Spectrometry	10	2010/Spring
MNF490	Theory of Science and Ethics	3	2009/Spring
ZSPDG-00	Special reading	7	2009/Autumn
KJEM907	Special reading	7	2010/Autumn
Part 2:			
Type of activity	Place, and date	Credits	Year/Semester
KJEM920	Contribution at Tenth Tetrahedron Symposium 23. – 26. June 2009, Paris, France	2	Spring 2009
KJEM930	Seminar over a self-chosen topic <i>Membrane Technology in Organic Synthesis</i>	1	Spring 2011

The trial lecture remains. The topic will be announced by the leader of the Board for Doctoral Education after thesis submission.

Yours sincerely,

Anne Marit Blokhus  
Head of Department of Chemistry

Hege Ommedal  
Senior Executive Officer

Copy:

Diem Hong Thi Tran, Faculty of Mathematics and Natural Sciences

Hans-René Bjørsvik, principal supervisor

George W. Francis, co-supervisor





Matús Kalas

Department of Informatics, CBU/Uni Computing

Your ref

Our ref

Date

2009/3468-STEHEL

09.05.2011

## Approval of PhD-training component

With reference to you application of 05.05.2011, the PhD-committee at the Department of Informatics decided in meeting 09.05.2011 to approve your training component as part of the PhD programme.

Your working title is: *"Integration of bioinformatics tools and data using service-oriented architecture, web services, the world-wide-web and semantic-web standards"*.

Supervisory Committee: Inge Jonassen (principal), Pål Puntervoll and Kjell Petersen (both co-supervisors)

Your accomplishment of the study plan includes:

Institution/Course code	Course name	Credits	Term/Year	Merknad
<b>Part 1</b>				
University of Turku	Introduction to Bioinformatics	5	Autumn 2005	INF905
Åbo Akademi	Software Architecture	5	Spring 2006	INF905-A
Lipari School	Proteoms and Proteins	4	Summer 2006	INF904
Åbo Akademi	Software Quality	5	Spring 2007	INF905-B
UiB MCB Research School	From Central Dogma of Molecular Biology to Omics	2	Autumn 2008	INF902-A
UiB	MNF490 – Theory of Science and Ethics	3	Autumn 2008	-
UiB MCB Research School	Effective Life-Science Writing in English	1	Autumn 2008	INF901
UiB MCB Research School	Introductory Course	1	Spring 2009	INF902
<b>Part 2</b>				
INF972 - Popular Scientific Contribution	"Communicating Scientific Research", at Simula, Oslo	2	Spring 2009	-
INF920 - Presentation on Int.Conference:	"The European Conference on Computational Biology", Ghent, Belgium	1	Autumn 2010	-

In addition, you must give a trial lecture on a given topic, after you have finished and submitted your thesis.

Yours sincerely,

Øyvind Ytrehus  
Leader, PhD-committee

Steinar Heldal  
Senior Executive Officer

Enclosure(s):

Copy  
Faculty of Mathematics and Natural  
Sciences

Alexander Minakov

**ACCEPTANCE OF ACCOMPLISHMENT OF STUDY PLAN (6-MONTHS REPORT) AS PART OF THE Ph.D. PROGRAMME**

With reference to your application 23 March 2011.

The PhD Committee at the Department of Earth Science dealt with your application, and decided in meeting 27th of April 2011 to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "Structure and evolution of the northern Barents Sea passive margin".

Supervision committee: Rolf Mjelde (principal supervisor), Ritske Huisman and Jan Inge Faleide, UiO (co-supervisor(s)).

Your accomplishment of the study plan is accepted and includes:

<b>Del 1:</b>			
<b>(fagkode)</b>	<b>(tittel)</b>	<b>(antall stp/vurderingsform)</b>	<b>(år/semester)</b>
MNF490	Vitenskapsteori med etikk	3 stp / heimeeksamen	Autumn 2008
GEOF294	Reservoir Geophysics	10 stp	Autumn 2008
GEOF397	Advanced Seismic	10 stp	Autumn 2009
GEOV905	Special reading list/SVALEX	5 stp	Autumn 2010
<b>Del 2:</b>			
GEOV920 - Presentasjon av eget arbeide på internasjonal konferanse / Conference presentation	EGU 2009, Vienna, Austria. 19-24-april.	2 stp	Spring 2011
GEOV930 – Seminar on Self-selected Self chosen topic	Breakup of Laurasia	1 stp	Spring 2011

In addition you need to pass the trial lecture after finishing the thesis.

The PhD Committee at the **Department of Earth Science**

  
William Helland-Hansen  
Leader

  
Hanne Israelsen  
Secretary

Kopi: The Faculty of Mathematics and Natural Sciences  
Department of Earth Science  
Rolf Mjelde





Erling Hugo Jensen  
Institutt for geovitenskap

Deres ref	Vår ref	Dato
	2008/3057-HAI	26.05.2011

## Godkjenning av opplæringsdelen

Viser til søknad datert **06.05.11**.

Forskerutdanningsutvalget ved institutt for geovitenskap behandlet søknaden din, og besluttet i møte **25.05.11** å godkjenne følgende opplæringsdel for det individuelle studiet til Ph.D.graden.

Foreløpig tittel: "Strategies for predicting reservoir parameters and effective rock properties – Inverse Rock Physics Modelling".

Veiledningskomité: prof. Tor Arne Johansen, GEO og prof. Leiv-J. Gelius, Geo, UiO (biveileder).

Planen for det individuelle studiet er godkjent og omfatter følgende:

### Del 1:

MNF490	Vitenskapsteori og etikk	3 stp / oppgave	Vår/2007
GEOF294	Reservoirgeophysics	10 stp	Vår/2009
GEOF395	Advanced Applied Seismic Analysis	10 stp	Vår/2009
Spesialpensum	"Controlled Source Electromagnetic Methods (CSEM)"	3 stp.	Vår/2011

### Del 2:

Internasjonal konferanse	EAGE Amsterdam 2009	2 stp	Sommer/2009
GEOV972	Presentasjon: "E-learning platform GeoCLASS", Juba, Sudan, 14.-17. juni 2010	2 stp	Vår/2010

Det bekreftes herved at du har fullført opplæringsdelen til Ph.D.graden.

I tillegg kommer prøveforelesning over oppgitt emne etter innlevering av avhandlingen.

Forskerutdanningsutvalget ved Institutt for geovitenskap

William Helland-Hansen  
Leder

Hanne Israelsen  
seniorkonsulent

Kopi  
Det matematisk-naturvitenskapelige fakultet  
Veilederkomite: v/ Tor Arne Johansen





Vaneeda Allken  
Department of Earth Sciences

Deres ref

Vår ref

Dato

2009/2349-HAI

05.04.2011

**ACCEPTANCE OF ACCOMPLISHMENT OF STUDY PLAN (6-MONTHS REPORT) AS PART OF THE Ph.D. PROGRAMME**

With reference to your application 13 November 2010.

The PhD Committee at the Department of Earth Science dealt with your application, and decided in January 2011 to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "Numerical modelling in 3D of Rift Segmentation and Rift Propagation".

Supervision committee: Ritske Huisman (principal supervisor), Haakon Fossen and Cedric Thieulot (co-supervisor(s)).

Your accomplishment of the study plan is accepted and includes:

<b>Del 1:</b>			
<b>(fagkode)</b>	<b>(tittel)</b>	<b>(antall stp/vurderingsform)</b>	<b>(år/semester)</b>
MNF490	Theory of Science and Ethics	3 stp / heimeeksamen	Autumn 2008
FYS-Geo4510	Introduction to mechanical geomodelling	10 stp /oral exam	Spring 2008
GEOL264	Geodynamics and Basin Modelling	10 stp / written exam	Autumn 2008
GEOL345	Utah Field trip	5 / assignment	Spring 2010
<b>Del 2:</b>			
GEOV920 – International conference with presentation	EGU-European Geoscience Union, Vienna (05.04.10)	2 stp	Spring 2010
GEOV930 – Self-chosen topic	"Rheological models for plasticity"	1 stp	Autumn 2010



In addition you need to pass the trial lecture after finishing the thesis.

The PhD Committe at the **Department of Earth Science**

William Helland-Hansen  
Leader

Hanne Israelsen  
Secretary

Kopi  
Det matematisk-naturvitenskapelige fakultet  
Ritske Huisman



Thamer A. Mahdi  
Department of Earth Science

Your ref

Our ref  
2008/5294-HAI

Date  
05.04.2011

**ACCEPTANCE OF ACCOMPLISHMENT OF STUDY PLAN (6-MONTHS REPORT) AS PART OF THE Ph.D. PROGRAMME**

With reference to your application 22 February 2011.

The PhD Committee at the Department of Earth Science dealt with your application, and decided in meeting 8th of March 2011 to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "High-resolution sequence stratigraphy and 3-D reservoir characterization of the Mishri Formation, southern Iraq".

Supervision committee: William Helland-Hansen (principal supervisor) and Adnan A.M. Aqrawi and David W.Hunt, StatoilHydro (co-supervisor(s)).

Your accomplishment of the study plan is accepted and includes:

<b>Del 1:</b>			
<b>(fagkode)</b>	<b>(tittel)</b>	<b>(antall stp/vurderingsform)</b>	<b>(år/semester)</b>
MNF490	Theory of Science and Ethics	3 stp / heimeeksamen	Spring 2010
GEOL360	Sequence Stratigraphy	10 stp /assignment	Spring 2009
GEOL364	Advanced Petroleum Geology	5 stp / written exam	Spring 2009
GEOL367	Reservoir Geology and Technology	5 / written exam	Spring 2010
GEOL366	Applied Reservoir Modelling	5 / written exam	Autumn 2010
<b>Del 2:</b>			
MNF400	Knowlegde Transmission	3 stp	Autumn 2010

In addition you need to pass the trial lecture after finishing the thesis.

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Visiting address  
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Bergen

Executive officer  
Hanne Israelsen  
+47 55 58 35 19

The PhD Committe at the **Department of Earth Science**

William Helland-Hansen  
Leader

Hanne Israelsen

Secretary

Enclosure(s):

Copy  
Faculty of Mathematics and Natural  
Sciences  
William Helland-Hansen



Aamir Ali  
Institutt for geovitenskap

Your ref

Our ref  
2007/12412-HAI

Date  
05.04.2011

**ACCEPTANCE OF ACCOMPLISHMENT OF STUDY PLAN (6-MONTHS REPORT) AS PART OF THE Ph.D. PROGRAMME**

With reference to your application.

The PhD Committee at the Department of Earth Science dealt with your application, and decided in meeting 8th of March 2011 to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "Correlations between the effective permeability and seismic anisotropy of fractured reservoirs".

Supervision committee: Morten Jakobsen (principal supervisor) and Bent Ole Ruud (co-supervisor(s)).

Your accomplishment of the study plan is accepted and includes:

<b>Del 1:</b>			
<b>(fagkode)</b>	<b>(tittel)</b>	<b>(antall stp/vurderingsform)</b>	<b>(år/semester)</b>
MNF490	Vitenskapsteori med etikk	3 stp / heimeeksamen	Spring 2009
GEOF296	Theoretical Seismology	10 stp /assignment	Spring 2008
MAT265	Parameter Estimation and Inverse Problems	10 stp / assignment	Spring 2008
GEOF395	Advanced Applies Seismic Analysis	10 / written exam	Spring 2008
PTEK218	Rock Physics	10 / written exam	Autumn 2008
<b>Del 2:</b>			
GEOV920 - Presentasjon av egent arbeide på internasjonal konferanse / Conference presentation	70 <sup>th</sup> EAGE Conference & Exhibition, Rome, Italy, June 2008	2 stp	Autumn 2010
GEOV971	Publish in peer-reviewing journals	1 stp	Autumn 2010

In addition you need to pass the trial lecture after finishing the thesis.

The PhD Committe at the **Department of Earth Science**

William Helland-Hansen  
Leader

Hanne Israelsen  
Secretary

Enclosure(s):

Copy  
Faculty of Mathematics and Natural  
Sciences  
Morten Jakobsen



Det bekreftes herved at du har fullført opplæringsdelen til Ph.D.graden.  
I tillegg kommer prøveforelesning over oppgitt emne etter innlevering av avhandlingen.

Forskerutdanningsutvalget ved Institutt for geovitenskap

William Helland-Hansen  
Leder

Hanne Israelsen  
Sekretær

Kopi  
Det matematisk-naturvitenskapelige fakultet  
Atle Nesje





# UNIVERSITETET I BERGEN

Institutt for geovitenskap

Department of Earth Science

Forskerutdanningsutvalget

J.nr. 08/3057/HAI  
Bergen, 26.05.11

**Heidi Kjennbakken**  
Institutt for geovitenskap

## GODKJENNING AV OPPLÆRINGSDELEN (6-MND. RAPPORT) TIL Ph.D. STUDIET

Viser til søknad datert **24.05.11**.

Forskerutdanningsutvalget ved institutt for geovitenskap behandlet søknaden din, og besluttet i møte **25.05.11** å godkjenne følgende opplæringsdel for det individuelle studiet til Ph.D.graden.

Foreløpig tittel: "Detailed Holocene climate variations, evidence from high resolution sedimentary cores from The Norwegian Sea and Western Norway".

Veiledningskomité: prof. Haflidi Haflidason, GEO og prof. Hans Petter Sejrup, GEO (medveileder).

Planen for det individuelle studiet er godkjent og omfatter følgende:

### Del 1:

Forskerkurs	ECORD – Summerschool on Paleooceanografi / Bremen	3 stp	Høst/2007
Forskerkurs	Micropaleontology – Field and laboratory course / Aarhus	4 stp	Vår/2008
Forskerkurs	Late Quaternary Timescales and Chronology / EuroCLIMATE	2 stp	Vår/2008
GEOL326	Utvalgte emner i paleooceanografi	5 stp	Vår/2008
MNF490	Vitenskapsteori og etikk	3 stp / oppgave	Høst/2008
GEOF363	Videregående maringeologi/geofysikk	10 stp	Vår/2009
AG332	Artic Terrestrial Quaternary Stratigraphy	10 stp.	Høst/2009

### Del 2:

Internasjonal konferanse	EAGE Wien 2011	2 stp	Vår/2011
GEOV971	Skrivekurs Tress & Tress	1 stp	Høst/2010

Det bekreftes herved at du har fullført opplæringsdelen til Ph.D.graden.

I tillegg kommer prøveforelesning over oppgitt emne etter innlevering av avhandlingen.

Forskerutdanningsutvalget ved Institutt for geovitenskap

William Helland-Hansen  
Leder

Hanne Israelsen  
sekretær

Kopi: Arkiv  
Det matematisk-naturvitenskapelige fakultet  
Veilederkomite: v/ Hafliði Haflíðason



Ove Daae Lampe

Institutt for Informatikk

Deres ref

Vår ref

Dato

2008/3178-INGNI

25.05.2011

## Godkjenning av opplæringsdelen til Ph.D studiet

Viser til søknad datert **26. april 2011**.

Forskerutdanningsutvalget ved **institutt for informatikk** behandlet søknaden din, og besluttet i møte **25.mai 2011** å godkjenne følgende opplæringsdel for det individuelle studiet til Ph.D.graden.

Foreløpig tittel: "Visualization for Automated Drilling" Veiledningskomité: **Helwig Hauser** (hovedveileder) og Johan Christopher Giertsen (medveileder(e)). Gjennomføringen av det individuelle studiet er godkjent og omfatter følgende:

<b>Del 1:</b>			
<b>MNF490</b>	<b>Theory of science and ethics</b>	<b>3 sp</b>	<b>Høst 2009</b>
<b>INF359</b>	<b>Selected Topics in Visualization</b>	<b>10 sp</b>	<b>Vår 2010</b>
<b>INF219</b>	<b>Project: "Kernel Density Estimates in WebGL"</b>	<b>10 sp</b>	<b>Vår 2011</b>
<b>INF902</b>	<b>Special Reading list: Seminal works in Information Visualization</b>	<b>4 sp</b>	<b>Høst 2009</b>
<b>Del 2:</b>			
<b>International conference</b>	<b>IEEE Visualization 2007</b>	<b>2 sp</b>	<b>Høst 2009</b>
<b>Selected Topic</b>	<b>Interactive Visual Analysis of Process Data</b>	<b>1 sp</b>	<b>Vår 2011</b>

Det bekreftes herved at du har fullført opplæringsdelen til Ph.D.graden.

I tillegg kommer prøveforelesning over oppgitt emne etter innlevering av avhandlingen.

Vennlig hilsen

Øyvind Ytrehus  
Leder for FU,II

Inger Nilsen  
studieveileder

Kopi  
Det matematisk-naturvitenskapelige fakultet





# UNIVERSITETET I BERGEN

Institutt for fysikk og teknologi  
Forskerutdanningsutvalget

Sak nr.08/2869/IFT/TEF  
Bergen, 12. mai 2011

**Nils-Erik Bomark**  
Institutt for fysikk og teknologi

## GODKJENNING AV OPPLÆRINGSDELEN (6-MND. RAPPORT) TIL Ph.D. STUDIET

Viser til søknad om godkjenning av opplæringsdelen, datert 26. april 2011. Forskerutdanningsutvalget ved Institutt for fysikk og teknologi har behandlet søknaden din, og besluttet å godkjenne følgende opplæringsdel for det individuelle studiet til ph.d.-graden.

Veiledningskomité: **Per Osland** (hovedveileder), **Anna Lipniacka** (medveileder) og **Smaragda Lola** – **University of Patras** (medveileder).

Gjennomføringen av det individuelle studiet er godkjent og omfatter følgende:

<b>Del 1 Formell del:</b>			
MNF490	Vitenskapsteori med etikk	3 stp / Oppgave	Vår 2008
PHYS343	Kvark- og leptonfysikk	10 stp / Muntlig	Høst 2008
STAT220	Stokastiske prosesser	10 stp / Skriftlig	Høst 2009
Forskerkurs	Advanced Methods in Statistical Data Analysis	5 stp	Høst 2009
<b>Del 2 formidlingsdel:</b>			
	Internasjonal konferanse med presentasjon	2 stp	Vår 2009
PHYS971	Populærvitenskapelig artikkel	1 stp	Høst 2010

Det bekreftes herved at du har fullført opplæringsdelen til ph.d.-graden.

I tillegg kommer prøveforelesning over oppgitt emne før disputasen.

Med vennlig hilsen

Kjartan Olafsson  
Leder, Forskerutdanningsutvalget ved  
Institutt for fysikk og teknologi

Terje Finnekås  
Studiekonsulent

Kopi: Det matematisk-naturvitenskapelige fakultet  
Hovedveileder Per Osland

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UNIVERSITETET I BERGEN

Institutt for fysikk og teknologi  
Forskerutdanningsutvalget

Sak nr. 08/15576/IFT/TEF  
Bergen, May 2<sup>nd</sup>, 2011

**Sabrina Daniela Eder**  
Professor Hansteensgate 76  
5006 BERGEN

### ACCEPTANCE OF THE TRAINING COMPONENT OF THE PhD STUDY (6 MONTH-REPORT)

Referring to your application, dated 28.03.11, for approval of the training component of the PhD Study.

The Admittance Committee to Doctoral Studies has accepted the completion of following training component of the PhD Study.

Supervising committee: **Bodil Holst** (main supervisor) and **William Allison – Cambridge University** (co-supervisor).

<b>Part I – Formal part:</b>			
Research school	International summer school - University of Hamburg	3 credits	Autumn 2009
PHYS328	Selected topics in Measurement Science	10 credits	Autumn 2009
PHYS252	Experimental methods in space physics	10 credits	Autumn 2010
MNF490	Theory of science and ethics	3 credits	Autumn 2010
<b>Part II – Knowledge transmission:</b>			
International conference – MC 2009, Graz, Austria		2 credits	Autumn 2009
Popular Science Contribution		2 credits	Spring 2011

It is hereby confirmed that you have completed the training component of the PhD Study.

In addition, you will have to give a trial lecture on a given topic before the defence.

For The Admittance Committee to Doctoral Studies at  
Department of Physics and Technology

Kjartan Olafsson  
Leader

Terje Finnekås  
Consultant

Copy: Det matematisk-naturvitenskapelige fakultet  
Main supervisor **Bodil Holst**

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Telefaks:  
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Internett: <http://www.ift.uib.no/>

Besøksadresse:  
Allégt. 55  
5007 Bergen





**Bernardo Moyano****ACCEPTANCE OF ACCOMPLISHMENT OF STUDY PLAN (6-MONTHS REPORT) AS PART OF THE Ph.D. PROGRAMME**

With reference to your application 14 April 2011.

The PhD Committee at the Department of Earth Science dealt with your application, and decided in meeting 27 of April 2011 to accept your accomplishment of the study plan as part of the PhD programme.

Working title: "Quantifying reservoir heterogeneities using rock-physics models and statistical rock physics".

Supervision committee: Tor Arne Johansen (principal supervisor), Kyle Thomas Spikes, Univ. Of Austin, USA and Philippe M. Doyen (co-supervisor(s)).

Your accomplishment of the study plan is accepted and includes:

<b>Del 1:</b>			
<b>(fagkode)</b>	<b>(tittel)</b>	<b>(antall stp/vurderingsform)</b>	<b>(år/semester)</b>
PTEK218	Rock Physics	10 / written exam	Autumn 2008
MNF490	Vitenskapsteori med etikk	3 stp / heimeeksamen	Autumn 2009
ZMNSP	Parameter estimation and Inverse problem	5 stp	Spring 2009
GEOF294	Reservoir geophysics	10 stp	Autumn 2009
<b>Del 2:</b>			
GEOV920 – Presentation international conference	80 <sup>th</sup> SEG annual meeting, Denver, USA, October 2010	2 stp	Spring 2011
GEOV971 – Popular scientific contribution	Publishing in peer-reviewed journals	1 stp	Autumn 2010

In addition you need to pass the trial lecture after finishing the thesis.

The PhD Committee at the **Department of Earth Science**

  
William Helland-Hansen  
Leader

  
Hanne Israelsen  
Secretary

Kopi: The Faculty of Mathematics and Natural Sciences  
Department of Earth Science  
Tor Arne Johansen





Kristin Richter

Your ref

Our ref  
2007/9684-KRKA

Date  
07.06.2011

Dear Kristin Richter

### **Accomplishment of the training component**

The PhD Committee at the Geophysical Institute dealt with your application, and decided to accept your accomplishment of the study plan as part of the PhD programme.

Working title of the dissertation: "Influence of large-scale atmospheric forcing on North Atlantic – Nordic Seas Ocean Circulation"

Supervisory committee: Tore Furevik (principal supervisor), Kjell Arild Orvik, Sönke Maus and Anne Britt Sandø (co-supervisors)

Your accomplishment of the study plan is accepted and includes:

<b>Part 1:</b>		<b>Credits</b>	<b>Year</b>
MNF490	Theory of science and ethics	3 ECTS	2007/spring
GEOF330	Dynamical oceanography	15 ECTS	2005/autumn
GEOF210	Dataanalysis in meteorology and oceanography	10 ECTS	2006/spring

#### **Part 2:**

Presentation International Conference with Poster; AGU, Fall meeting, Dec 15-19 2008. 2 ECTS

Outreach activity: Instructor at an international youth camp on Arctic climate change, July 14-22 2007, August 10-21 2008 1 ECTS

In addition you must give a trial lecture over a given topic after your thesis is handed in.

Yours sincerely,

Peter M. Haugan  
Head of department

Kristin Kalvik  
Senior Executive Officer

Copy  
Faculty of Mathematics and Natural  
Sciences



Kristin Rygg

Finnbergåsen 36  
5063 BERGEN

Deres ref	Vår ref	Dato
	2007/15308-KRKA	06.04.2011

## Godkjenning av opplæringsdelen i ph.d.-programmet

Forskerutdanningsutvalget ved Geofysisk institutt behandlet søknaden din, og besluttet å godkjenne følgende opplæringsdel for det individuelle studiet til ph.d.-graden.  
Tittel på avhandlingen: "Modelling topographic effects on transport of tracers in the bottom boundary layer using RANS-models"  
Veiledningskomité: professor Peter M. Haugan (hovedveileder), professor Guttorm Alendal (medveileder).

Gjennomføringen av det individuelle studiet er godkjent og omfatter følgende:

### Del 1:

GEOF310	Turbulens i atmosfærens og havets grenselag	10 SP	2007 høst
MAT260	Beregningsalgoritmer 2	10 SP	2008 vår
MNF490	Vitenskapsteori og etikk	3 SP	2008 vår
Sommerskole	"Int. Summer School on Turbulence, Plankton and Marine Snow" Barcelona, Spain, Sept. 1 – 5, 2008	2 SP	2008 høst
	Total del 1	25 SP	

### Del 2:

Deltakelse på internasjonal konf.	JONSMOD, Bergen, juni 2008. Presentasjon: "Simulating gas diffusion through the seafloor using a z- and a sigma-coordinate model"	2 SP	2008 høst
Forelesning over selvvalgt emne	"A CO2 enriched ocean"	1 SP	2010 vår
Pop.vit. bidrag	Utvikling av u.-ressurs på naturfag.no: "Lagring av CO2 under havbunnen." Forsøk og praktisk arbeid.	3 SP	2011 vår
	Total del 2	6 SP	

	Til sammen	31 SP	
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Vennlig hilsen

Joachim Reuder  
leder, forskerutdanningsutvalget

Kristin Kalvik  
seniorkonsulent

Kopi  
Det matematisk-naturvitenskapelige fakultet





Sigurd Henrik Teigen

Vei 232 20A 30  
9170 LONGYEARBYEN

Deres ref	Vår ref	Dato
	2007/9680-KRKA	27.04.2011

## Godkjenning av opplæringsdelen i ph.d.-programmet

Forskerutdanningsutvalget ved Geofysisk institutt behandlet søknaden din, og besluttet å godkjenne følgende opplæringsdel for det individuelle studiet til ph.d.-graden.  
Tittel på avhandlingen: "Water mass exchange in the sea west of Svalbard - A process study of flow instability and vortex generated heat fluxes in the West Spitsbergen Current"

Veiledningskomité: Førsteamanuensis Frank Nilsen (hovedveileder), professor Tor Gammelsrød og professor Harald Svendsen (medveileder). Gjennomføringen av det individuelle studiet er godkjent og omfatter følgende:

### Del 1:

MAT233	Stabilitets- og perturbasjonsteori	10 SP	2007 høst
GEOF330	Dynamisk oseanografi	15 SP	2008 høst
MNF490	Vitenskapsteori og etikk	3 SP	2009 høst
Sommerskole	IPY Int. Sea Ice Summer School, 2.-13. juli, 2007	4 SP	2007 høst
Total del 1		32 SP	

### Del 2:

Deltakelse på internasjonal konf.	European Geosciences Union, General assembly, Vienna, Austria, May 2-7, 2010	2 SP	2008 høst
Pop.vit. bidrag	"Foredrag "Mot et blått Arktis", Tekna Bergen, 1. desember 2009.	1 SP	2011 vår
Total del 2		3 SP	
Til sammen		35 SP	

Det bekreftes herved at du har fullført opplæringsdelen til ph.d.-graden.  
I tillegg kommer prøveforelesning over oppgitt emne etter innlevering av avhandlingen.

Vennlig hilsen

Joachim Reuder  
Leder, Forskerutdanningsutvalget

Kristin Kalvik  
seniorkonsulent

Kopi  
Det matematisk-naturvitenskapelige fakultet  
Frank Nilsen



Annette Brenner

Kringsjåveien 23  
5162 LAKSEVÅG

Deres ref	Vår ref	Dato
	2008/957-HEOM	06.06.2011

## Svar på søknad om godkjenning av opplæringsdelen i PhD-studiet

Vi viser til din søknad om godkjenning av opplæringsdelen til ph.d-studiet datert 06.06.11.

Søknaden er behandlet og Forskerutdanningsutvalget ved Kjemisk institutt.

Foreløpig tittel: *"Protein/ligand, protein/protein and protein/anthocyan interactions studied by nuclear and multi dimensional high resolution NMR methods"*.

Veiledningskomité: Nils Åge Frøystein (hovedveileder), Øyvind Moksheim Andersen (biveileder), Johan Lillehaug (biveileder).

### Del I

MNF490 Vitenskapsteori og etikk	UiB	3 stp	Høst 2008
KJEM217 Biofysikalsk kjemi	UiB	10 stp	Høst 2008
KJEM306 NMR-spektroskopi II	UiB	10 stp	Vår 2009
MBV9520 Advanced biomolecular NMR	UiO	5 stp	Vår 2011

Forskerutdanningsutvalget har tidligere godkjent MBV9520 tatt ved Universitetet i Oslo våren 2011 som en del av opplæringsdelen til ph.d.-studiet (08/957-HEOM, 07.02.11). Emnet vil bli innpasset i opplæringsdelen.

### Del II

MNF400 Kunnskapsformidling	UiB	3 stp	Fritak
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Forskerutdanningsutvalget har tidligere gitt fritak for MNF400 på grunn av fullført PPU. DIDAKJEM 2 (7.5 studiepoeng) erstatter MNF400 (08/957-HEOM, 29.06.10).

Det bekreftes herved at du har fullført opplæringsdelen til ph.d.-graden. I tillegg kommer prøveforelesning over oppgitt emnet etter innlevering av avhandlingen.

Vennlig hilsen

George W. Francis  
Leder  
Forskerutdanningsutvalget  
Kjemisk institutt

Hege Ommedal  
Seniorkonsulent

Kopi: Det matematisk-naturvitenskapelige fakultet