

**THE INTERNATIONAL ASSOCIATION
FOR
THE STUDY
OF
COMMON PROPERTY**



**Fifth Common Property Conference
REINVENTING THE COMMONS**

**24 - 28 MAY 1995
BODØ
NORWAY**



INTERNATIONAL
ASSOCIATION FOR THE
STUDY OF
COMMON
PROPERTY

CONFERENCE ORGANISERS

International Association for the Study of Common Property
Agricultural University of Norway
Høgskolen i Bodø
University of Trondheim

FINANCIAL SUPPORT

The conference organisers wish to thank the following for their financial support:

Danish Ministry of Foreign Affairs.
Norwegian Ministry of Foreign Affairs,
Norwegian Agency for Development Co-operation,
Swedish Agency for Research Co-operation with Developing Countries,
The Research Council of Norway,
Landsdelsutvalget for Nord-Norge
The Norwegian Association of Mountain Councils (Norges Fjellstyresamband)
Bodø Municipality
Nordland Fylke
The Norwegian Farmers Association

REPORT
ON
REINVENTING THE COMMONS
THE FIFTH INTERNATIONAL CONFERENCE
OF
THE INTERNATIONAL ASSOCIATION FOR THE
STUDY OF COMMON PROPERTY

Erling Berge
Audun Sandberg

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INTRODUCTION

With this report the co-chairs of the organising committee wish to thank all our funding agencies, all the members of the organising committees, all the participants of the conference, and most of all our support staff at the Agricultural University of Norway and at Høgskolen i Bodø, Ragnar Øygard, Colin Murphy, Anne Utvær, and Trond Kristiansen. We also want to thank the staff at the Raddisson-SAS hotel in Bodø and our friends in Beiarn and Røst who contributed to the success of the field excursions.

It was a strenuous task and a wonderful experience.

The report is intended cover the needs of the Norwegian conference organisers, our funding agencies and the International Association for the Study of Common Property. It outlines the preparations and give basic statistics of the conference. The details of accounts for specific sources of funding, members of organising committees, final programme, invited scholars and registered papers are given in separate sections. More details about the participants, programme and papers presented are to be found in the book of programme, and the book of abstracts already distributed.

PREPARATIONS

The planning of this conference started in the fall of 1992 after some preliminary discussion during the third IASCP-conference in Washington in 1992. A grant from the Norwegian Ministry for Foreign Affairs for 1993 and 1994 made possible the preparations. They consisted in establishing a Nordic program committee (see list of members below) and start the program preparations. The Agricultural University of Norway agreed to take responsibility for the accounts of the conference and support from the Norwegian Association for Development Study was enlisted. A preliminary proposal for the conference was presented to and accepted by the board of the IASCP during the fourth conference in Manila in June 1993.

The first task was to find a suitable venue for the conference. Hotels in Oslo, Geilo, Bergen, Lillehammer, Trondheim and Bodø were invited to submit proposals. During the fall of 1993 the three most feasible proposals were visited by Erling Berge and Colin Murphy. Geilo and Bodø seemed about equal. A grant promise from Landsdelsutvalget for Nord-Norge and Namdalen decided in favour of Bodø. The first meeting of the organising committee was held in Oslo 17.-19. December 1993. The choice of venue was confirmed, Erling Berge and Audun Sandberg were trusted with the main responsibility for the program and the planning of the conference. A local organising committee was established headed by Bjørn Sagdahl at Høgskolen i

Bodø. As the main theme of the V IASCP conference, the organising committee decided on "Reinventing the Commons".

During the spring of 1994 the conference was announced. To secure funding for inviting scholars from the third world the appropriate agencies in Denmark, Finland, Norway, and Sweden were approached. From Norway we got NOK400.000, from Denmark DEK200.000 and from Sweden SEK200.000. Several agencies were asked for funds to invite scholars from Eastern Europe. The Research Council of Norway granted us NOK80.000. Additional financial support for the practical arrangement in Bodø was secured from Norges Fjellstyresamband, Norges Bondelag, Nordland Fylke and Bodø Kommune.

The second meeting of the organising committee was held 1.-4. September in Oslo. By the time of that meeting, 270 paper proposals were received, and 22 session chairs had confirmed their willingness to participate as chairs for a total of 35 sessions. The program outline contained a proposal of 60 sessions and a strategy for securing additional session chairs was agreed upon. From third world scholars the committee had received a total of 47 applications for travelling funds. A few more arrived in the weeks immediately after the meeting. The applications were ranked according to an evaluation of scholarly contribution and need of funding. By late October, letters of acceptance and invitation were ready to be mailed out. For those in need of travel assistance a contract proposal was included. In December, the grant for inviting scholars from eastern Europe was confirmed and invitations could be sent out.

BASIC STATISTICS FOR THE CONFERENCE

The fifth conference of the International Association for the Study of Common Property, "Reinventing the Commons", opened at the Raddisson-SAS Hotel in Bodø, Norway, on the 24. of May and closed on the 28. May. During the conference, 340 persons participated. Most of them participated throughout the conference.

A basic theme of the IASCP-conferences has been property rights systems and their impact on resource management and sustainability of resource use, with an emphasis on the situation in developing countries, and northern areas.

Funding from Danish Ministry of Foreign Affairs, Norwegian Ministry of Foreign Affairs, Norwegian Agency for Development Co-operation, and Swedish Agency for Research Co-operation with Developing Countries made it possible to invite 46 participants from the third world. Unfortunately, six of these had to withdraw, but 3 delivered their paper in spite of this. A total of 43 papers from invited third world scholars were presented.

The location of the conference in Europe and Norway suggested a possibility for introducing new issues such as the changing property rights in Eastern Europe, and the old commons of Europe.

Funding from the Norwegian Research Council made it possible to invite 8 scholars from 5 different countries in eastern Europe to present papers on the situation in their countries. In several ordinary sessions, the forest commons of Europe and the commons of the Arctic region were also explored.

The conference consisted of 66 sessions with 220 presentations of papers. Also 2 video-presentations were on the program. Excursions to Røst and Beiarn were laced with 7 special lectures on various aspects of the resource situation in these communities. The 5 plenary sessions highlighted through 8 presentations themes like

- the Norwegian resource policy in the northern region,
- economic theories about common property, social institutions, and development (3 presentations),
- Robert McC. Netting's contribution to research on common property¹,
- bio-diversity (2 presentations), and
- the indigenous peoples of the world and the right to our common future.

Out of the 235 paper presentations 200 papers have been collected (see list below) and will be made available at Høgskolen i Bodø, the University of Trondheim, the Agricultural University of Norway and the Workshop in Political Theory and Policy Analysis, Indiana University.

FIELD EXCURSIONS

Participants could choose between two full day field excursions on Saturday May 27, one by bus and one by boat. As the boat had a limited capacity, registration for the excursion by boat was on a first come first served basis.

1. Beiarn Mountain Valley by bus via Saltstraumen - the world's strongest tidal current. This field excursion emphasised the conflict between farmers and the forest commons, new forms of collective action in relation to goat farming and sustainable reindeer herding in National Park areas.

2. The Island of Røst in the Lofoten Archipelago by catamaran. This field excursion emphasised total dependence on fish resources, strategies for more "property rights" to the community, the social capital of crafts in stockfish production and sea-birds - from a common food-reserve to environmental indicators.

Judging from the praise received from the conference participants, the field excursions were a very successful element in the conference

¹ Robert McC. Netting was president of IASCP 1991-92. He died 4 February 1995.

BEST POSTER AND BEST STUDENT PAPER

There was competition for the best poster and the best student paper.

Posters were judged *in situ* by a committee consisting of Fikret Berkes (Canada), James T. Thomson (USA), and Jacques Weber (France).

First prize went to **Guy Fontenelle**, Department of Environment and Exploitation of Natural Resources, Ecole Nationale Supérieure Agronomique, Rennes, France, for his poster based on the paper "CAN A CO-MANAGEMENT ARRANGEMENT BE DEVELOPED FOR WILLAPA BAY WATERSHED, WA, USA?"

There were 21 entries for the best student paper, 9 papers were on time (deadline 30. April) for a committee consisting of Minoti Chakravarty-Kaul (India), David Feeny (USA), and Carl Folke (Sweden).

First prize went to **Tor A. Benjaminsen** Centre for Development and the Environment, University of Oslo, Norway, for his paper "NATURAL RESOURCE MANAGEMENT AND DECENTRALISATION. TOWARDS CO-MANAGEMENT IN MALI?"

SCIENTIFIC SIGNIFICANCE OF THE V IASCP COMMON PROPERTY CONFERENCE

As a research conference, this had major significance in the field of institutional analysis related to resource management. Through the participation from more than 300 of the world's most active researchers in this field, the conference was a major achievement by the Nordic scientific Community. On the larger international scene, the conference contributed especially to integrate French and other European academic communities better into a scientific tradition that has largely been North American, Pacific, South Asian and Nordic. It illuminated the "state of the art" in common property theory and the application of institutional analysis in academic disciplines as diverse as economics, political science, social anthropology, law, sociology, biology and hydrology. The conference also gathered a high number of resource managers and postgraduate students from fisheries, forestry, water, pasture etc. and facilitated an active interchange of ideas between the academic disciplines and the applied professional fields of knowledge. As the list of registered papers illustrates, the number of such transdisciplinary and applied contributions was substantial at this conference. In the longer run, this means that also the policy relevance of the Common Property Conference will be significant on the European Scene.

CONCLUSION

According to the reactions to the organisers from the participants at the conference, the 5th IASCP Common Property Conference in Bodø was - in comparison with a series of successful conferences : North Carolina, Winnipeg, Washington, Manila - among the most well attended, had the largest number of high quality scientific papers, the best discussions and the most instructive field excursions. As such, it has therefore raised the expectations ahead of the important 1996 IASCP Conference in San Francisco and the 1997 Conference in India.

The former president of IASCP, David Feeny, expressed his conclusion in a letter of thanks to the organising committee:

"The conference was extraordinarily well organised. The quality of the sessions was excellent. The arrangements and hospitality were superb. The meeting was well attended. Well done!"

The co-chairs of the organising committee can only say thanks on behalf of all those who contributed to the success.

CONFERENCE ORGANISERS

International Association for the Study of Common Property
 Agricultural University of Norway
 Høgskolen i Bodø
 University of Trondheim

HOSTS

The conference organisers wish to thank **Høgskolen i Bodø, Bodø Municipality and Nordland Fylke** for hosting the conference and for outstanding support in the organisation of the conference.

FINANCIAL SUPPORT

We want to express our gratitude to the following for funding the conference:

FUNDING OF THE CONFERENCE "REINVENTING THE COMMONS"

	Year		
	1993	1994	1995
General funds:			
Norwegian Ministry of Foreign Affairs,	50.000	75.000	0
The Research Council of Norway		45.000	45.000
Landsdelsutvalget for Nord-Norge and Namdalen			250.000
The Norwegian Association of Mountain Councils (Norges Fjellstyresamband)			20.000
The Norwegian Farmers Association (Norges Bondelag)			5.000
Nordland Fylkeskommune			10.000
Bodø Kommune			10.000
Høgskolen i Bodø			22.000
Funds to cover participation from Eastern Europe			
The Research Council of Norway			NOK 80.000
Funds to cover participation from the third world			
Norway:			
Norwegian Ministry of Foreign Affairs			NOK200.000
NORAD, Norwegian Agency for Development Co-operation,			NOK200.000
Denmark:			
Danish Ministry of Foreign Affairs			DKR200.000
Sweden:			
SAREC, Swedish Agency for Research Co-operation with Developing Countries,			SEK200.000

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CONFERENCE BANK ACCOUNT

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Kirkegaten 18, 0153 OSLO, Norway

PROGRAMME

WEDNESDAY MAY 24

- 0900-1700 **IASCP Board of Directors meeting**
- 1200-2200 **Registration**
- 1900-2200 **Reception hosted by Høgskolen i Bodø**

THURSDAY MAY 25

- 0830-1000 **Opening session**
Session Chair: Audun Sandberg
- 0830-0835 *Nordland impressions*
Music by Susanne Lundeng, violin.
- 0835-0840 *Welcome to Bodø:*
Audun Sandberg, Programme Co-chair
Høgskolen i Bodø
- 0840-0850 *Welcome to the North:*
Sigbjørn Eriksen,
Chairman of Northern Forum
- 0850-0915 *Opening address*
Norwegian Policy on Resource Management in the North
Tore Gundersen, Political Adviser,
Norwegian Ministry of Foreign Affairs
- 0915-0920 *Prolegomena:*
Erling Berge, Programme Co-chair
University of Trondheim
- 0920-1000 *Presidential address:*
Optimality, Sub-Optimality, Nirvana, and
Transaction Cost: Foraging On the Commons
David Feeny, Professor, President of IASCP,
McMaster University
- 1000-1030 **Coffee break, main lounge**
- 1030-1200 **Concurrent Sessions I**
- 1200-1330 **Lunch and Poster session I**

1330-1500	Concurrent Sessions II
1500-1630	Concurrent Sessions III
1630-1700	Coffee break, main lounge
1715-1745	The Netting Memorial Lecture Session chair: Elinor Ostrom, Indiana University
1715-1745	Robert McC. Netting's Work as a "Cultural Ecologist". Bonnie McCay, Professor Rutgers University
1800-1930	Plenary session I: BIO-DIVERSITY Session chair: Jacques Weber, CIRAD-Green
1800-1840	Biodiversity: Scientific Stakes and Related Inferences Jean Claude Mounolou, Professor University of Paris, CGM, CNRS
1850-1930	Bio-diversity Ted Benton, Professor University of Essex
2000	Dinner: North Norwegian specialities

FRIDAY	MAY 26
0830-1000	Plenary session II: RIGHTS FOR INDIGENOUS PEOPLES Session chair: Audun Sandberg
0830-1000	The Indigenous Peoples of the World and the Right to Our Common Future Ole Henrik Magga, President, Norwegian Sámi Parliament
1000-1100	Coffee break and Poster session II, main lounge
1100-1230	Concurrent Sessions IV
1230-1330	Lunch and Poster session II
1330-1500	Concurrent Sessions V
1500-1630	Concurrent Sessions VI
1630-1700	Coffee break, main lounge
1700-2000	Special sessions
1700-1800	Sámi Reindeer Herding in Transition Video film by Ivar Bjørklund, University of Tromsø
1700-1830	The Norwegian MAB-Committee Session co-chairs: Nils Chr. Stenseth, University of Oslo, and Svein Jentoft, University of Tromsø
1700-1830	The North Sea Centre, Hirtshals Session co-chairs: Robert S Pomeroy, ICLARM, and Sten Sverdrup-Jensen, The North Sea Centre
1800-2000	Circumpolar Aboriginal People and Co-management Practice Session chair: Lloyd Binder, Arctic Institute of North America
1900-2000	General assembly of the IASCP
2000	Dinner: on your own

SATURDAY MAY 27

0830-1830 Field excursions

I: Trip to Røst Island by catamaran

Session chair: Audun Sandberg

The Social Capital of Stockfish production, selection (vraking) and export relations, lecture by Ansgard Pedersen, Røst

Sea-birds - from Common Resources to Environmental Indicators, lecture by Steve Baines, Røst

Local Strategies for Mobilisation, Positioning and Enhancement. The Survival of the Coastal Community of Røst in Relation to the Common Fisheries Resources, lecture by Arnfinn Ellingsen, Mayor, Municipality of Røst

II: Trip to Beiarn valley by bus

Session chair: Erling Berge

The Settlement History of Beiarn and Recent Economic History, lecture by Inge Strand, Beiarn

About State Common Land in the Municipality of Beiarn, lecture by Øystein Ringaker, Beiarn

Cooperative Goat Farming and Sheep Farming in Upper Beiarn Valley, lecture by Elin Høyås, Beiarn

Reindeer Herding in the National Park - Sustainable Practices and Multiuse of Mountain Pastures, lecture by Harald Rundhaug, Beiarn

2000 Conference Banquet

SUNDAY MAY 28

- 0830-1000 Concurrent Sessions VII**
- 1000-1030 Coffee break, main lounge**
- 1030-1200 Closing session
Session chair: Erling Berge**
- 1030-1130 The New Institutional Economics and Development,
Douglass C. North, Professor, Nobel Prize laureate
Washington University in St. Louis**
- 1130-1200 Reinventing the Commons,
Margaret McKean, President IASCP,
Duke University**
- 1200 Departure**

PARTICIPATION OF THIRD WORLD SCHOLARS

Based on the budget for inviting third world scholars and abstracts of paper proposals 46 persons were invited. From these we received 43 papers, which were presented; 40 persons participated in the conference.

Also 29 third world NORAGRIC-students from the Agricultural University of Norway got a contribution enabling them to participate.

LIST OF 46 PERSONS AWARDED FINANCIAL ASSISTANCE

Topic of Paper and Country

Arifin, Bustanul "Indigenous knowledge and sustainable commons: the case of an Indonesian Subak".
INDONESIA

Baquero, Irma: "Property, technology and sustainability evolution in Narino, Columbia".
COLUMBIA.

Begossi, Alpina: "Use of animal resources by 'Caicaras' and rubber-tappers in Brazil: from conflicts in conservation units to alternatives in extractive reserves". **BRAZIL.**

Campari, Joao: "From Common Property to Private Trade: Endogenous Income Growth and Deforestation in the Brazilian Amazon" **BRAZIL**

Diegues, Antonio Carlos: "Rethinking and recreating common resources appropriation regimes in Brazil". **BRAZIL.**

Famoriyo, Segun: "Legalising the commons - revisiting Nigeria's land use act". **NIGERIA.**

Ghosh, M.G., Tony Beck & S. Sengupta: "Social and natural resource use by the rural poor in the West Bengal, India". **INDIA**

Guangjing, Ma: "Forest, environment and sustainable development". **CHINA.**

Hadi, Satyawati "Forest Land Resource in Indonesia: Common Property Resource and a Quest for Survival". **INDONESIA**

Hendricks, Frederick Thomas "Communal Property in an Era of Democratic Transition in South Africa: the Case of Namaqualand Reserves, South Africa.". **SOUTH AFRICA**

Hingco, Theres Gladys: "Community-based coastal resources management approach: A review of the Philippine experience". **PHILIPPINES**

Ilahiane¹, Hsain: "Common Property; Ethnicity, and Social Exploitation in the Ziz Valley, Southeast Morocco". **MOROCCO**

Jena, Nalin Ranjan: "State, pastoral nomads and the commons: a study of the Muslim Gujjar tribe in North India". **INDIA.**

¹* Withdrew but had his paper delivered

Joshi, Yogesh: "Management of commons in arid areas of India and role of local governments". **INDIA.**

Khakhar, K.K.: "Staging divine comedy on the waters: 'Swaghyaya' - experiment in Indian fisheries". **INDIA.**

Khouzam, Raouf F: "Redesigning land-water institutions". **EGYPT.**

Kokwe, Misael: "Rural livelihood strategies effects on the ecology of Zambia's wetlands: policy and institutional management implications". **ZAMBIA.**

Madzudzo¹, Elias: "Cattle, Grazing and Rangeland Tenure In Bulilimamangwe", **ZIMBABWE**

Maheshwari, R.C: "Utilisation of CPRs for making a village self-reliant - a case study", **INDIA.**

Manning, Peter: "External aspect of the common fisheries policy: implications for developing countries"./ or "The Namibian fisheries: its potential and actual benefits ". **NAMIBIA**

Matowanyika², Joseph Z. "The Changing Forms of Common Property Arrangements in Zimbabwe over the Last Century". **ZIMBABWE**

Mehta, M.B. "The Problems in Development of Semi-Arid and Saline Deserts as Common Property", **INDIA**

Menaria, Rajendra: "Management of drinking water in arid region - community action in rural Rajasthan". **INDIA.**

Ojok³, Luke Ipoto: Impact of warfare on the commons. **KENYA.**

Olomola⁴, Aderibigbe S:" Sources and resolution of conflicts in Nigerian artisanal fisheries". **NIGERIA.**

Ouyang, Xin: "China's action plan: bio-diversity conservation". **CHINA.**

Patel, Haribhai, G: "Institutional innovation in underground water management in Western India". **INDIA.**

Pradhan, Ujjwal: "Governance and legal pluralism: towards local management of irrigated agriculture". **NEPAL.**

Prakash, Senjeev: "CPRs, informal institutions and the social context of fairness: towards an institutional perspective of CPR regimes". **INDIA**

Rahman, Mokhlesur M: "Wetlands and bio-diversity: a case-study of common property resources in Bangladesh". **BANGLADESH.**

Reddy, Narasimha: "Political economy of state property and the commons in South India". **INDIA.**

¹* Madzudzo replaced Ojok

²* Last minute withdrawal of Matowanyika, Zimbabwe

³* Ojok withdrew but was replaced by **Madzudzo**, presenting 2 papers on Zimbabwe

⁴* Withdrew but had his paper delivered

Samantar, Mohamos S. "Theoretical and Practical Frameworks of Analysis of Pastoral Common Property in Somalia". **SOMALIA**

Selmi¹, Abdel, "Islam et gestion des ressources naturelles" **TUNIS**

Sengupta, Nirmal: "Current forest and water policies in India". **INDIA**

Shivakoti, Ganesh, P: "Local support services provided for farmer-managed irrigation systems in Nepal". **NEPAL**.

Shrestha, Sugandha: "Reviving the lost commons: through farming systems perspective. **NEPAL**.

Singh, Neera M & Kundan K. Singh: "Community forest management systems in Orissa: institutional arrangements". **INDIA**.

Singh, R.B. (and B.W. Pandey) "Common Property Resources and Sustainable Development of Mountain Environments: A Micro-level Experience of Kullu Valley" **INDIA**

Soriano, Marietta C: "Contractors' profile and perceptions of the contract reforestation program in the province of Tarlac". **PHILIPPINES**.

Thapa, Man B: "Indigenous institutions and pasture management in high altitude Nepal". **NEPAL**.

Tiwari², Dirgha Nidhi: "Rethinking the commons in the context of growing resource scarcity and environmental degradation: development of market based and institutional measures with farmers' participation" **THAILAND**.

Tungittiplakorn, Waranoot: "Common property resource as a solution to the conflict between Highlands and lowlands". **THAILAND**

Turay, Foday: "Managing exploitation rights in the inshore fisheries of Sierra Leone". **POSTER SIERRA LEONE**

Vásquez-León, Marcela: "Avoidance strategies and governmental rigidity: the case of the artisanal shrimp fishery in Sonora, Mexico". **COLUMBIA**.

Wittayapak, Chusak: "Local institutions in common property resources: a study of community based watershed management in Northern Thailand". **THAILAND**.

Yonzon Prasanna "Changes of Swayambhu Nath Forest over a hundred and fifty years". **NEPAL**

¹* Withdrew but had his paper delivered

²* Last minute withdrawal. No paper delivered.

PARTICIPATION OF SCHOLARS FROM EASTERN EUROPE

Based on the budget for inviting scholars from Eastern Europe 8 persons were invited. All of them participated in the conference.

8 PERSONS FROM EASTERN EUROPE AWARDED FINANCIAL ASSISTANCE

Topic of paper and country

Chmielewski, Piotr, "Mountain Commons in Tatra", **Poland**,

Kenkmann, Paul, "Privatization in Estonia", **Estonia**,

Korzycka-Iwanow, Malgorzata, "Ownership Transformations in Polish Agriculture", **Poland**,

Levina, Tatiana, "Common Land Renewal in Russia: Problems and Approaches", **Russia**,

Novakovsky, Leonid Ya. "The Particularities of Land Privatisation in Ukraine", **Ukraine**,

Pribytkova, Irina, "Attitudes towards Privatization of Land among Ukrainian Peasantry", **Ukraine**,

Rivza, Baiba, "Attitude Of The Citizens Towards The Privatization of Land in Latvia", **Latvia**,

Zile, Roberts, "Changing Ownership and the System of Property Rights in Latvia: Restitution and Privatization - Legal, Economical and Political Issues.", **Latvia**,

REINVENTING THE COMMONS
- Fifth Common Property Conference. 24 - 28 May 1995
BODØ - NORWAY

LIST OF COLLECTED PAPERS

Version 5.0 FINAL

29.11.95

additions as of 960228

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3	Ahmed, Mahfuzuddin, Capistrado, D. and Hossain, M.	Fisheries co-management in Bangladesh - experiences with Go-ngo-fisher partnership models	Dilemmas in comanagement of fish and wildlife	18
4	Alcorn, Janis B. and Toledo, Victor M.	The role of tenurial shells in ecological sustainability: Property rights and natural resource management in Mexico	Resilience in institutions and ecosystems	27
5	Alegret, Juan Luis	Co-gestión de recursos y gestión de conflictos: the case of the Cofradías de Pescadores of Cataluña (In Spanish)	Conflict management in fisheries	14
6	Alegret, Juan Luis	Co-management of resources and conflict management: The case of the fishermen's confrerries in Catalonia (In English)	Conflict management in fisheries	13
7	Allen, Barbara	Federal systems, covenantal theory and common property	Whose commons?	28
8	Angelsen, Arild	The emergence of private property rights in traditional agriculture: Theories and a study from Sumatra	Bio-diversity and common property	31
9	Arifin, Bustanul	Indigenous knowledge and sustainable commons: The case of an Indonesian Subak	Indigenous knowledge and sustainable commons	16
10	Bailey, Jennifer Leigh	Troubled international waters: bringing the state (system) back in	Privatizing the fishing commons	28
11	Baines, Steve	Seabirds - from common resources to environmental indicators	Excursion to Røst	6
12	Baquero, Irma	Property, technology and sustainability evolution in Nariño, Colombia	History of environment	13

13	Begossi, Alpina	Cultural and ecological resilience among <i>caicaras</i> of the Atlantic forest coast and <i>caboclos</i> of the Amazon (Brazil)	Conflict management in fisheries	27
14	Benjaminsen, Tor A.	Natural resource management and decentralisation. Towards Co-management in Mali?	Pastoral common property regimes	27
15	Benton, Ted	Biodiversity conservation: A review of some socio-economics and ecological issues	Plenary (bio-diversity)	12
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17	Berglann, Helge	Flexible Quotas as a device in fisheries management. A control system based on progressive taxation	Privatizing the fishing commons	31
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20	Berman, Tressa	Cultural appropriation and laws of property in cultural property claims	Culture and property rights	18
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40	Donda, S. J.	Common property and poverty. Fisheries co-management in Malawi	Fisheries co-management: Case studies from Africa, Asia and Europe	12
41	Dybro, Jens E.	Islamic law and the development of agricultural settlement in Oman. On the question of tradition and development	Rethinking the commons	24
42	Edwards, Victoria	The new forest commons, Hampshire: horse-riders, mountain bike-riders, free- riders	Common forest resources in Europe	16
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44	Ellingsen, Arnfinn	Local strategies for mobilisation, positioning and enhancement. The survival of the coastal community of Røst in relation to the common fisheries resources.	Excursion to Røst	4
45	Eskesen, Mogens	Danish seine fishing from Thyborøn. Insiders and outsiders in regulation and the local knowledge of fishing technologies	Conflict management in fisheries	23
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48	Famoriyo, Segun	Legalizing the commons, revisiting the Nigeria's Land Use Act	Legalizing the commons	23
49	Feeny, David	Optimality, sub-optimality, nirvana, and transaction costs foraging on the commons	Plenary	5
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51	Finsveen, Mathias and Næss, Asbjørn	The bygde-commons in Norway	Common forest resources in Europe	7
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54	Freeman, Milton	Adaptive management of marine mammals: accentuating the positive	Managing marine mammals	21
55	Freudenberger, Mark S., Lebbie, Aiah R. and Carney, Judith	Resiliency and change in common property regimes in West Africa: the case of the Tongo in the Gambia, guinea and Sierra Leone	The creation of new commons	28
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63	Gundersen, Frode	Local institutions and the management of common property	Local government and the management of common property resources	30
64	Gundersen, Tore	Norwegian policy on resource management in the North		5
65	Hadi, Satyawati	Forest land resources in Indonesia: Common property resource and a quest for its survival	Studies of forest resources	19
66	Hanna, Susan	Industry participation and fishery management performance	Resilience in institutions and ecosystems	22
67	Hansen, Lars Ivar	Common lands in Norway during the middle ages		17
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69	Hervé, Dominique, Riviere, Gilles and Pacheco, Luz	Communities and collective usage of land resources in the Andes	Multidisciplinary, multilevel approaches to common property resources	11
70	Hess, Charlotte	The virtual CPR: The internet as a local and global common pool resource	Rethinking the commons	40
71	Hingco, Therese Gladys	An assessment of Philippine experience in implementing the community-based approach to coastal resource management	Coastal commons, sustainability and local knowledge	26
72	Holm, Petter	Fisheries management and the domestication of nature	Rethinking the commons	31
73	Hønneland, Geir B.	Enforcement and control in the Russian zone of the Barents Sea	Enforcement and controls in marine fisheries	10
74	Hønneland, Geir B.	The role of the Norwegian coast guard in control management: discourse or guns?	Enforcement and controls in marine fisheries	15
75	Høyås, Elin	Co-operative goat farming and sheep farming in upper Beiarn valley	Excursion to Beiarn	4
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78	Jodha, N.S.	Common property resources and the dynamics of rural poverty in India's dry regions	Design principles and the successfully governed CPRs	45
79	Johnson, Baylor L.	Common property and corporate property: A comparison of property rights	Multidisciplinary, multilevel approaches to common property resources	6
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89	Kokwe, Misael	The impact of rural livelihood strategies on the ecology of Zambian wetlands: Policy and institutional management implications	Management of watersheds	32
90	Korzycka-Iwanow, Malgorzata	Ownership transformations in Polish agriculture	Property rights in Eastern Europe	10
91	Levang, P., Michon, G. and de Foresta, H.	New face for traditional commons. Forest conversion and the redefinition of common property and individual rights through agroforest development in Sumatra, Indonesia.	Farmland and common property	16
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99	Magga, Ole Henrik.	Rights for indigenous people	Plenary	13
100	Maheshwari, R.C.	Utilization of common property resources for making a village self-reliant - a case study	Management of watersheds	15
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197	Wæraas, Gro	Landscaping and local development in France	Common forest resources in Europe	16
198	Yonzon, Prasanna	Preserving the naturalness of Swayambhu	Studies of forest resources	6
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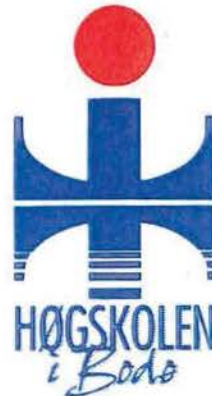
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