

Academic Publications on Ecology and Environment in Western China

Qualitative Discourse Analysis / Data Set

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Description

This data set is the result and basis of a qualitative discourse analysis on the knowledge productions and role of academia in development processes in Western China. A research article on basis of this data was published in a special issue of ›Geographica Helvetica‹ under the title ›Wissenschaftliche Expertise und die (Re)Produktion gesellschaftlicher Verhältnisse – Eine argumentationstheoretische Analyse von Diskursen der Ökologie- und Umweltforschung im westlichen China‹ (in German, abstract available in English) (Geogr. Helv., 72, 1–12, 2017, doi:10.5194/gh-72-1-2017).

Metainformation

Data produced in 2012/2013

Data set published in April 2017 on CORE Repository

Content

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2 Excerpt from building the Corpus

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1 Corpus List – Analyzed Materials

CAS = Chinese Academy of Sciences

No.	Author	published	Title	Journal	Approach	Range	Institution of Authors
1	Amat, A., Halik, W. & G. Bak	2011	Quantitative Research of the Problems of Increasing Farmers' Income in Xinjiang	Xinjiang Agricultural Science, No.10, abstract	Economistic	Xinjiang	Xinjiang Univ., Urumqi
2	Anwaer, M., Zhang, X. & J. Tashkin	2010	Analysis of harmony degree between urbanization and eco-environment in southern Xinjiang based on fuzzy mathematics	Economic Geography (chinese), No.2, abstract	Ecological Quantitative	Xinjiang	Xinjiang Normal Univ., Urumqi CAS
3	Banks, T., Richard, C., Ping, L. & Y. Zhaoli	2003	Community-Based Grassland Management in Western China. Rationale, Pilot Project Experience, and Policy Implications	Mountain Research and Development, Vol.23, No.2, 132-140	Policy Evaluation	Western China	Massey Univ. New Zealand, ICIMOD Rural Dev. Inst., Beijing CAS
4	Bennett, M.	2008	China's Sloping Conversion Programme: Institutional innovation or business as usual?	Ecological Economics, Vol.6, No.5, 699-711	Policy Evaluation	Western China	Beijing Univ. Visiting Scholar
5	Bo, W.	2002	Xinjiang: A Trip to the New Territory	China Environmental Series	Comment (n.a.)	Xinjiang	n.a.
6	Cai, F., Wang, D. & Y. Du	2002	Regional disparity and economic growth in China - The impact of labour market distortions	China Economic Review, No.13, 197-212	economistic	China	CAS
7	CAS	2009a	CAS Action Plan for the Development of Western China Progressing Smoothly	CAS publication; retrieved from http://english.cas.cn/ST/BR/br_r_p/200909/t20090914_37781.shtml (last accessed on 02. Dec. 2012)	Research Programme (n.a.)	Western China	CAS

8	CAS	2009b	Outline of Action Plan for Development of Western China	CAS publication; retrieved from http://english.cas.cn/ST/BR/br_r_p/200909/t20090914_37780.shtml (last accessed 03. Dec. 2012)	Research Programme (n.a.)	Western China	CAS
9	Chen, Y. & H. Tang	2005	Desertification in North China: Background, Anthropogenic Impacts and Failures in combating it	Land Degradation and Development, No.16, 367-376	Anthropological -Ecological	North China	CAS
10	Chen, W., Li, H. & Z. Wu	2010	Western China energy development and west to east energy transfer: Application of the Western China Sustainable Energy Development Model	Energy Policy, No.30, 7106-7120	Economistic	Western China	Tshinghua Univ. Beijing
11	Cui, Y.	2011	Issues on Oasis Ecological Anthropology Research	Journal of Original Ecological National Culture, No.2, abstract	Anthropological -Ecological	thematic	Xinjiang Normal Univ., Urumqi
12	Deng, X. et al.	2005	Impact of Resources and Technology on farm production in northwestern China	Agricultural Systems, No.84, 155-169	Ecological Quantitative	Northwest China	China Agr. Univ., Beijing Department of Nat. Resources, Conneticut, USA CAS
13	Deng, X.-P. et al.	2006	Improving agricultural water use efficiency in arid and semiarid areas of China	Agricultural Water Management, No.80, 23-40	Ecological Quantitative	Northwest China	CAS Univ. of Western Australia Northwest Science Univ, Shaanxi
14	Deng, M.	2009	Water Control Thoughts based on man-water harmony at inland river basins in arid areas	Arid Land Geography, No.2, abstract	Ecological Quantitative	Western China	Water Resource Department of Xinjiang, Urumqi

15	Ding, J.	2004	Human-water Harmony and Social Development	Journal of Zhejiang Conservancy and Hydropower College	Ecological Quantitative	thematic	Zhejiang Water Conservancy and Hydropower School, Hanzhou
16	Dong, Q.	1999	Ecosystem Services: the biological conditions and ecological supports necessary for the development of human societies	Chinese Journal of Applied Ecology, No.2, abstract	Ecological Economistic	thematic	Florida Int. Univ, Miami, USA
17	Du, Z. et al.	2009	Land-use change and its ecological responses: a pilot study of typical agro-pastoral region in the Heihe River, Northwest China	Environmental Geology, No.58, 1549-1556	Ecological Quantitative	Northwest China	n.a.
18	Economy, E.	2002	China's Go West Campaign: Ecological Construction of Ecological Exploitation	China Environmental Series, Iss.5, 1-12	Policy Evaluation	Western China	Council of Foreign Relations, USA
19	Fan, Z. et al.	2002	Utilization of Water resources, ecological balance and land desertification in the Tarim Basin, Xinjiang	Science in China (Series D), Vol.45, 103-108	Ecological Quantitative	Xinjiang	CAS
20	Fan, S., Nestorova, B. & T. Olofinbiyi	2010	China's Agricultural and Rural Development: Implications for Africa	International Food Policy Research Inst.	Economistic	China + Africa	China-DAC Study Group on Agr., Food Sec. And Rural Dev.
21	Fang, R.	2008	On Ecological Protection Consciousness of Traditional Minority Beliefs in Xinjiang	Journal of Xinjiang University (Philosophy, Humanities & Social Sciences), No.1, abstract	Historic	Xinjiang	Research Inst. Of Nationality and Religion Policy Xinjiang, Urumqi
22	Feng, Q., Endo, K.N. & G.D. Chen	2001	Toward sustainable development of the environmentally degraded arid rivers of China – a case study from Tarim River	Environmental Geology, No.41, 229-238	Ecological Quantitative	Xinjiang	CAS Department of Geoscience System, Nihon, Japan

23	Foggin, M.	2012	Pastoralists and wildlife conservation in western China: collaborative management within protected areas on the Tibetan Plateau	Pastoralism: Research, Policy and Practice, Vol.2, No.17, 1-19	Ecological-Economistic	Tibet	Univ. of Kent, Associate Qinghai Normal Univ.
24	Feng, Q. et al.	2011	Effects of land use change on landscape pattern of the Manas River watershed in Xinjiang, China	Environmental Earth Sci, DOI 10.1007/s12665-011-1029-5	Ecological Quantitative	Xinjiang	CAS
25	Gao, Z.	2003	Study on the model of regional economic harmony development in Xinjiang	Scientific Management Research, No.2, abstract	Economistic	Xinjiang	Xinjiang Inst. Of Finance and Economics, Urumqi
26	Han, Y.	2004	Regional economic systematic analysis and construction of harmony developmental model in Xinjiang	Journal of Xinjiang Vocational University, No.3	Economistic	Xinjiang	Xinjiang Univ. of Finance & Economics, Urumqi
27	Han, Y. & Z. Gao	2007	Dynamic analysis and evaluation of the sustainable harmonic development in Xinjiang	Arid Land Geography, No.2, abstract	Ecological Quantitative	Xinjiang	Xinjiang Univ. of Finance & Economics, Urumqi
28	Han, Y. & Z. Gao	2009	Trend prediction and evaluation of sustainable harmony development of Xinjiang	Arid Land Geography, No.6, abstract	Ecological Quantitative	Xinjiang	Xinjiang Univ. of Finance & Economics, Urumqi
29	Hao, X.-M., Chen, Y. & W. Li	2009	Impact of anthropogenic activities on the hydrologic characters of the mainstream of the Tarim River in Xinjiang during the past 50 years	Environmental Geology, No.57, 435-445	Ecological Quantitative	Xinjiang	CAS
30	Hou, Y., Maimaitiming, A. & Z. Hou	2011	Analysis on harmony degree of water resources utilization based on fuzzy theory: a case study of Bortala Mongol Autonomous Prefecture	Water Resource Protection, No.3, abstract	Ecological Quantitative	Xinjiang	Normal Univ. of Xinjiang Highway Bureau of Anyang, Anyang

31	Huang, J., Wang, R. & H. Zhang	2006	Land consolidation and GIS application in Xinjiang, China	Agricultural Hydrology Applications of Remote Sensing, 64111S, abstract	Ecological Economistic	Xinjiang	CAS
32	Huang, J., Wang, R. & H. Zhang	2007	Analysis of patterns and ecological security trend of modern oasis landscapes in Xinjiang China	Environmental Monitoring Assess, No.137, 411-419	Ecological Quantitative	Xinjiang	CAS
33	Huang, Q. & D. Zhang	2009	Effects of land use and land cover change on ecosystem service values in oasis region of Northwest China	Proceeding of SPIE 7384, 73840M, conference abstract	Ecological Quantitative	Northwest China	CAS
34	Huang, X. et al.	2010	Study on change in value of ecosystem service function of Tarim River	Acta Ecologica Sinica, Vol. 30, 67-75	Ecological-Economistic	Xinjiang	CAS
35	Huo, P. et al.	2007	Response to environmental flows in the lower Tarim River, Xinjiang, China: Ground Water	Journal of Environmental Management, No.83, 371-382	Ecological Quantitative	Xinjiang	Zhejiang Forestry College, Linan, Ch School of Natural and Rural Systems Management, Univ. Queensland, Australia
36	Jia, B. et al.	2004	Oasis land-use dynamics and its influence on the oasis environment in Xinjiang, China	Journal of Arid Environments, No.56, 11-26	Ecological-Economistic	Xinjiang	CAS Beijing Forestry Univ.
37	Jiang, H.	2005	Grassland Management and views of nature in China since 1949: regional policies and local changes in Uxin Ju, Inner Mongolia	Geoforum, No.36, 641-653	Discourse Analytical Historical	Inner Mongolia, Chinese Province	Univ. of Wisconsin, USA
38	Jiang, L. et al.	2005	Water Resources, Land Exploration and Population Dynamics in Arid Areas: The Case of the Tarim River Basin in Xinjiang of China	Population and Environment, Vol.26, No.6, 471-503	Anthropological-Ecological	Xinjiang	Watson Institute for International Studies, Brown Univ., USA

39	Jiang, H.	2006	Decentralization, Ecological Construction and the Environment in Post-Reform China: Case-Study from Uxin Banner, Inner Mongolia	World Development, Vol.34, No.11, 1907-1921	Policy Evaluation	Inner Mongolia, Chinese Province	Univ. of Wisconsin, USA
40	Lai, H.	2002	China's Western Development Program: Its Rationale, Implementation and Prospects	Modern China, No.28, 432-464	Policy Evaluation	Western China	National Univ. of Singapore
41	Lei, J. & X. Zhang	2005	Structural Adjustment of Oasis Agriculture in Xinjiang	Chinese Journal of Population, Resources and Environment, Vol.3, No.3, abstract	Ecological Economistic	Xinjiang	CAS
42	Li, Y.	2004	Ecological Environment and Cultural Concept and Sustainable Development of Human Being	Journal of Guangxi Univeristy for Nationalities (Philosophy and Social Science Edition), No.4, abstract	Anthropological -Ecological	thematic	Inst. n.a., Taiwan
43	Li, X.	2004	Analysis of the Human Factors Resulting in Land Desertification in Arid Areas	Arid Land Geography, No.2, abstract	Ecological Quantitative	thematic	Tshinghua Univ. Beijing
44	Li, P.	2007	Harmony with Nature Through Advancing Earth Science	Northwestern Geology, No.1, abstract	Ecological Quantitative	thematic	Chang'an University, Xian
45	Li, C.	2009	Meeting the Challenges: The Research of Identity and Harmony in Xinjiang	Journal of Xinjiang Normal University (Edition of Philosophy and Social Sciences), No.2, abstract	Anthropological	Xinjiang	Xinjiang Agricultrual Univ, Urumqi
46	Li, X. & F. Nian	1999	Effect of Human Activities on Groundwater in Alar Irrigation Area in Xinjiang	Journal of Arid Resources and Environment, No.2, abstract	Ecological Quantitative	Xinjiang	CAS

47	Lin, X. & X. Li	2011	Green Transformation in China: From Sustainable Development to Ecological Modernisation	M & D Forum, No.12, 57-60, http://www.seiofbluemountain.com/upload/product/201112/2011jscx0a11.pdf (last accessed on 02. Dec. 2012)	Policy Evaluation	China	Shandong Instit. Of Business and Technology, China
48	Ling, H. et al.	2012	Surface runoff processes and sustainable utilization of water resources in Manas River Basin, Xinjiang, China	Journal of Arid Land, Vol. 4, No. 3, 271- 280; doi: 10.3724/SP.J.1227.2012.00271	Ecological Quantitative	Xinjiang	State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, CAS Graduate University of CAS
49	Liu, J. et al.	2003	Protecting China's Biodiversity	Science Policy Forum, Vol.300, 1240-1241	Policy Evaluation	China	Michigan State Univ., USA CAS and others
50	Liu, J. & J. Diamond	2008	Revolutionizing China's Environmental Protection	Science Policy Forum, Vol.319, 37-38	Policy Evaluation	China	Univ. of California, USA Michigan Univ, USA CAS
51	Liu, J. & J. Diamond	2005	China's Environment in a globalizing world	Nature, Vol. 435, 1179-1186	Policy Evaluation	China and World	Univ. of California, USA Michigan Univ, USA CAS
52	Liu, J. et al.	2005	Integrated Ecosystem Assessment in Western China	In: Go to Western China SGA Report, CAS, http://ebookbrowse.Com/gdoc.php?id=20631730&url=3792bd184e60e1c459bbbed1d88acbd5a (last accessed on 02. Dec. 2012)	Ecological Quantitative	Western China	CAS

53	Liu, S., Wang, T. & P. An	2004	Study on Human Activities in the Process of Land Desertification	Arid Land Geography, No.1, abstract	n.a.	thematic	CAS Lanzhou Univ., Lanzhou
54	Liu, Y. & Y. Chen	2006	Impact of Population Growth and Land-use change in Western China	Intern. Journal of Sustainable Development & World Ecology, Vol.13, No.4, 295-305	Ecological-Anthropological	Western China	CAS Univ. of Guelph, Canada
55	Liu, C. & Y. Chen	2010	Eco-hydrology and sustainable development in the arid regions of China	Hydrological Processes, No.24, 127-128	Ecological Quantitative	Western China	CAS
56	Lohmar, B. et al.	2003	China's Agricultural Water Policy Reforms: Increasing Investment, Resolving Conflicts, and Revising Incentives	USDA Economic Research Service	Policy Evaluation	China	USDA in coop. With CAS
57	Lu, Z.-L. et al.	2009	Utilization and Potentiality of Agricultural Water Resources in Qiemo County	Xinjiang Agricultural Science, Vol.46, No. 1, abstract	Ecological Quantitative	Xinjiang	CAS
58	Luo, X.	2004	The Role of Infrastructure Investment Location in China's Western Development	World Bank Policy Research Paper Series	Economistic	Western China	World Bank
59	Luo, G., Chen, X. & W. Xu	2008	Soil Properties related to land-use systems in oases of Sangong river watershed, Xinjiang	Journal of Geographical Science, No.18, 483-498	Ecological Quantitative	Xinjiang	CAS
60	Luo, G. et al.	2008	A methodology of characterizing status and trend of land changes in oases: A case study from Sangong River Watershed, Xinjiang, China	Journal of Environmental Management, No.88, 775-783	Ecological Quantitative	Xinjiang	CAS
61	Ma, Z.-B. & Z.-Q. Ma	2007	Harmony between the Living Space and Natural Environment – Research on the Living Culture of the Northwest Minorities	Heilongjiang National Series, No.4, abstract	Anthropological -Ecological	Northwest China	Univ. of Ningxia, Ningxia Social Science Research Inst. Of Ningxia, Ningxia

62	Ma, L.	2009	Thoughts on the Transformation of Traditional Thinking Set in the Development of Grass Industry in Xinjiang	Resources Science (chinese), No.5, abstract	Anthropological -economistic	Xinjiang	Xinjiang Univ., Urumqi
63	Magee, D.	2006	Powershed Politics: Yunnan Hydropower under Great Western Development	The China Quaterly, Vol.185, 23-42	Policy Evaluation	Yunnan Province	Hobart and William Smith Colleges, USA
64	McNally, C.	2004	Sichuan: Driving Capitalist Development Westward	The China Quaterly, Vol.178, 426-447	Policy Evaluation	Sichuan Province	East-West Centre, USA
65	Lai, X.	1999	The Farming System Reform in Xinjiang after Liberation	Journal of Shihezi Univ. (Natural Science), S1, abstract	Land-Use Quantitative	Xinjiang	Shihezi Univ., China
66	Pan, Z.	2006	“Xinjiang Experience”: A primary practice of Building a “Harmonious Society”	Social Sciences in Xinjiang, No.4, abstract	Policy Evaluation	Xinjiang	n.a.
67	Peng, R. Liu, L. & H. Zhang	2003	Analysis of the impacts of human activities on landscape patterns in inland river basin of arid zone: Taking the middle reaches of Hetian River as an example	Journal of Natural Sciences, No.4, abstract	Land-Use Quantitative	Xinjiang	Beijing Normal Univ., Beijing
68	Peng, S.	2011	Water Resource Strategy and agricultural Development in China	Journal of Experimental Botany, Vol. 62, No.6, 1709-1713	Ecological-Economistic	China	Ministry of Agriculture, China
69	Qi, J.	2009	Ecological Anthropology Research: China's Experience of 30 years	Study of Ethnics in Guangxi, No.1, abstract	Anthropological -Ecological	China	n.a.
70	Shalhevet, J.	2000	Sustainable irrigation agriculture in the Tarim Basin of western Xinjiang province	Arid Land Geography, Vol 23, No.2, abstract	Ecological Quantitative	Xinjiang	Agric. Research Organisation, Israel
71	Shen, Y.	2009	The social and environmental costs associated with water management practices in state environmental	Environmental Science & Policy, Vol.12, 970-980	Policy Evaluation	Xinjiang	CAS Lund Univ., Sweden

			protection projects in Xinjiang, China				
72	Shiro, C., Shen, L. & M. Yan	2007	Coping with Pressures of Modernization by Traditional Farmers: a Strategy for Sustainable Rural Development in Yunnan, China	Journal of Mountain Science, Vol.4, No.1, 57-70	Land-Use Quantitative	Yunnan Province	Imperial College London, GB Yunnan Academy of Forestry, China Asian Institute of Management, Philippines
73	Tang, F. et al.	2007	A contrast of two typical LUCC processes and their driving forces in oasis of arid areas: A case study of Sangong River Watershed at the northern foot of Tianshan Mountains	Science in China (Series D), Vol.50, Supp.I, 65-75	Land-Use Quantitative	Xinjiang	CAS
74	Wang, Y.	2005	Recreation-Scape Ecological Suitability Evaluation and Landscape Resources Sustainable Development: A case study of Kunes River Basin in Xinjiang Uygur Autonomous Region	Acta Geographica Sinica, No.4, abstract	Land-Use Quantitative	Xinjiang	Tongji Univ. Shanghai, China
75	Wang, X., Chen, F. & Z. Dong	2006	The relative role of climatic and human factors in desertification in semiarid China	Global Environmental Change, No.16, 48-57	Ecological Quantitative	Western China	CAS Lanzhou Univ., China
76	Wang, X., Xiao, D. & Y. Li	2007	Temporal-Spatial change in soil degradation and its relationship with landscape types in a desert-oasis ecotone: a case study in the Fubei region of Xinjiang Province, China	Environmental Geology, No.51, 1019-1028	Ecological Quantitative	Xinjiang	CAS
77	Wang, X. et al.	2008	Desertification in China: An assessment	Earth-Science Reviews, No.88, 188-206	Ecological Quantitative	China	CAS Lanzhou Univ., China

78	Wei, Y. & C. Fang	2006	Geographical and Structural Constraints of Regional Development in Western China: A Study of Gansu Province	Issues & Studies, Vol.42., No.2, 131-170	Economistic	Gansu, Province	Univ. of Milwaukee, USA CAS
79	Wei, Y. et al.	2010	Valuing Environmental Externalities of oasis farming in left Banner, Alxa, China	Ecological Economics, Vol.69, 2151-2157	Ecological Economistic	Inner Mongolia, Province	Univ. of Melbourne, Australia
80	Wu, F.	2009	Environmental Politics in China: An Issue Area in Review	Journal of Chinese Political Science, Vol.14, 383-406	Policy Evaluation	China	Chinese Univ., Hong Kong
81	Yu, X.	2009	Chinese Agricultural Development in 30 Years: A Literature Review	Frontiers of Economics in China, Vol.4, No.4, 633-648	Historic	China	Univ. of Göttingen, Germany Renmin Univ., China
82	Xia, X., Mu, G. & J. Lei	2002	Some new progress in scientific research on the Lop Nur Lake Region, Xinjiang, China	Science in China (Series D), Vol.45, Supp. 149-156	Ecological Quantitative	Xinjiang	CAS
83	Xie, G.	2008	Discussion about the Dual Social Function of Islamism in Xinjiang and the Construction of the Harmonious Society	Journal of Tarim University, No.3, abstract	Anthropological	Xinjiang	Tarim Univ., Alar
84	Xu, J. et al.	2006	China's ecological rehabilitation: Unprecedented efforts, dramatic impacts, and requisite policies	Ecological Economics, Vol.57, 595-607	Ecological Quantitative	China	CAS Michigan State Univ., USA
85	Xu, Z. et al.	2006	Grain for Green versus Grain: Conflict between Food Security and Conservation Set-Aside in China	World Development, Vol.34, No.1, 130-148	Policy Evaluation	China	CAS Univ. of California, USA
86	Xu, H., Ye, M. & J. Li	2008	The water transfer effects on agricultural development in the lower Tarim River, Xinjiang of China	Agricultural Water Management, No.95, 59-68	Ecological Quantitative	Xinjiang	CAS Xinjiang Normal Univ., China

87	Xu, R.	2009	On the Harmony between Man and Nature	Journal of Linyi Normal University, No.1, abstract	n.a.	thematic	Linyi Normal Univ., Shandong
88	Yang, X. et al.	2005	Desertification Assessment in China: An overview	Journal of Arid Environments, No.63, 517-531	Ecological Quantitative	China	Chinese Academy of Forestry, Beijing Beijing Centre of Forestry, Beijing
89	Yeh, E.	2005	Green Governmentality and Pastoralism in Western China: 'Converting Pastures to Grassland'	Nomadic Peoples, Vol.9, No.1-2, 9-30	Discourse Analytical	Western China	Univ. of Colorado, USA
90	Yeh, E.	2009	Greening Western China: A critical view	Geoforum, Vol. 40, Iss. 5, 884-894	Discourse Analytical	Western China	Univ. of Colorado, USA
91	Yin, R. et al.	2005	China's Ecological Rehabilitation: The Unprecedented Efforts and Dramatic Impacts of Re-forastation and Slope Protection in Western China	China Environment Series, Iss. 7, 17-32	Historic	Western China	n.a.
92	Yu, X.	2009	Chinese Agricultural Development in 30 Years: A Literature Review	Frontiers of Economics in China, Vol.4, No.4, 633-648	Historic	China	Univ. of Göttingen, Germany Renmin Univ., China
93	Yu, S. & X. Zhao	2001	Tarim River Water Allocation and Community-Based Management	Hussain I. & E. Biltonen (Eds.): Irrigation Against Rural Poverty: An Overview of Issues and Pro-Poor Intervention Strategies in Irrigated Agriculture in Asia. International Water Management Institute, Colombo, 39-69, http://hdl.handle.net/10568/3802 (last accessed on 8. Jan 2013).	Ecological Economistic	Xinjiang	Tsinghua Univ., Beijing
94	Yuan, D.	2005	On the Contemporary Development of Ecological Anthropology	Journal of Guangxi Teachers College, No.3, abstract	n.a.	thematic	Guangxi Univ. of Nationalities, Guangxi

95	Yue, T.	2005	On the Normalization of Social Operation and the Harmony of the Northwestern Multinational Society	Journal of Xinjiang University (Philosophy and Social Science Edition), No.6, abstract	n.a.	Northwest China	Northwestern Normal Univ., Lanzhou
96	Zhang, J.-B,	2007	Integrated Water Resource Management of Xinjiang toward effective Water Governance	In: Proceedings of the VI Regional Workshop “Water Resources and Water Use Problems in Central Asia and Caucasus”, The Regional Workshop of the Inter Academy Panel Water Program, July 10-13, Barnaul	Policy Evaluation	Xinjiang	CAS
97	Zhang, J.-J.	2007	Strengthen Legislation of the local Culture to Promote Harmonious Development in Xinjiang	Journal of Finance and Economics Institute, No.2, abstract	Anthropological	Xinjiang	Xinjiang Univ. of Finance & Economics, Urumqi
98	Zhang, K. & Z. Wen	2008	Review and Challenges of policies of environmental protection and sustainable development in China	Journal of Environmental Management, Vol.88, Iss.4, 1249-1261	Ecological Quantitative	China	Asia Pacific Univ., Beppu-shi, Japan Tsinhua Univ., Beijing
99	Zhang, W.	2008	An Environmental Anthropology Approach to Grassland Desertification: Village B in Northern Moawusu Desert as an example	Society, No.4, abstract	Anthropological -Ecological	North China	n.a.
100	Zhang, Q. & Q. Jia	2010	Adaptation Research on the Flow of College Teachers and Socio-Economic Development in Xinjiang	Asian Social Science, Vol. 6, No.3, 86-91	Anthropological -Economistic	Xinjiang	Shihezi Univ., China
101	Zhang, X. & G. Ji	2008	Cultural Identification: The Key to Social Development and Harmony in Minority Regions	Journal of Xinjiang Normal University (Edition of Philosophy and Social Sciences), No.4, abstract	Anthropological	Xinjiang	Xinjiang Univ., Urumqi Xinjiang Social Science Association, Urumqi

102	Zhao, W.-Y.	2002	Deterioration, causes and control strategies of grassland resources in Xinjiang, China	Pratacultural Science, No.2, abstract	Ecological Quantitative	Xinjiang	Xinjiang Academy of Animal Science, Urumqi
103	Zhao, W.-Z. et al.	2005	Soil Degradation and restoration as affected by land use change in the semiarid Bashang area, Northern China	Catena, No. 59, 173-186	Ecological Quantitative	North China	CAS
104	Zheng, H.	2008	Harmony from the Perspective of Scientific Development Outlook and the new Opportunities for Xinjiang's Development	Journal of Xinjiang University (Philosophy, Humanities and Social Science Edition), No.3, abstract	n.a.	Xinjiang	Xinjiang Normal Univ., Urumqi
105	Zhou, Q., Li, B. & A. Kurban	2008	Spatial Pattern analysis of land cover change trajectories in Tarim Basin, Northwest China	International Journal of Remote Sensing, Vlo.29, No.19, 5495-5509	Land-Use Quantitative	Xinjiang	CAS
106	Zhouying, J.	2002	Driving Force for Sustainable Development: Principles of Harmony and Balance	AI & Society, Vol.16, Iss.1, 21-48	Policy Evaluation	Thematic	CAS
107	Zhuang, L. et al	2010	Historical Evolution and the effects of ecological management in Tarim Basin, China	Chinese Science Bulletin, Vol.55, 4097-4103	Historical Quantitative	Xinjiang	CAS Shihezi Univ., Shihezi Xinjiang Academy of Agricultural and Reclamation Science, Shihezi
108	Zu, R. et al.	2003	Environmental Changes of oases at southern margin of Tarim Basin, China	Environmental Geology, No.44, 639-644	Historic	Xinjiang	CAS

2 Excerpt from Building the Corpus

Cluster	Keywords Examples
spatially oriented	Xinjiang; China's West; upstream; periphery
thematic	sustainability; ecological modernization; land-use; ecology; GWDS; development; resource; harmony
methodical	Quantitative; Qualitative; Discourse; Evaluation; Comparative Study
institutional	Chinese Academy of Sciences; International Center for Integrated Mountain Research; Central Government

3 Excerpt from the Code Book

Code	Code memo
<i>2nd order</i>	<i>were built from 1st order codes, axial coding process</i>

Space	Passages denoting relation between East and West of China. Following differential logics the one can just come into being with the other by negative differentiation
Efficiency	Efficiency as inherently capitalist terms, seems to indicate towards a capitalist discourse
Counterdiscourse	Collection of passages which apparently articulates a different view
Rationality	Passages which recur on rationality as goal or articulate it as something which is deficient
Harmony	Harmony seems like an overarching principle for initiating development in China's West. Has many dimensions but is often recurred to as goal
Ultimate Ground / Teleogogy	In China Xiakang Society shall be adapted, which promotes as well-off, harmonious society. This could be seen as unattainable ideal, ultimate ideal
Market	
Management	Is often seen as requirement for a beneficial development. But what shall this mean? Managing what? People – power aspects!.
<i>1st order</i>	<i>first coding process, open coding process</i>
Modernisation	
Economic Growth	often recurred on as ideal, and not happening
Ecological Destruction	
Ecological Modernization	very strong term, which has many connotation and substitutes sustainable development, as being more comprehensive
Ecological Protection	

Regulation / Law

State Programme

big programmes like “grain to green”, but as well small scale local government programmes. Is part of managing

Resources

Agricultural Reforms

Human Activity

People are often held responsible for detrimental developments. Gather passages here.

Population Development

Infrastructure