Resource Man	agement:	
INSTITUTION INSTITUTIONAL		
Erling Berge		-
The Process of Econor	nic Change II	
NTNU, Trondh Fall 2006	eim	
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Litanotus		
Literatur	e	
<ul> <li>North, Douglass C 2005 "L process of Economic chan Princeton University Press</li> </ul>	ge", Princeton,	
<ul> <li>Ch 7 The Evolving Human</li> </ul>	Environment	
<ul> <li>Ch 8 The Sources of Order and Disorder</li> <li>Ch 9 Getting it Right and Getting it Wrong</li> </ul>		
<ul><li>Ch 10 The Rise of the Weste</li><li>Ch 11 The Rise and Fall of t</li></ul>		
<ul><li>Ch 12 Improving Economic I</li><li>Ch 13 Where are we going?</li></ul>		
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The road ahead: an ager	nda for research	-
Key problem: belief systems		
<ul> <li>The world we need to understand</li> <li>constructed, surviving beliefs and</li> <li>The constructs blend rational and</li> </ul>	and institutions	
How do they create, favour or institutions		
Four unexplored challenges in     From personal to impersonal exceptions		
<ul><li>Specialisation and division of lab</li><li>Dynamic changes in market ince</li></ul>	our, coordination of knowledge ntives must encourage	
<ul> <li>productive activity not rent-seeking.</li> <li>Creating limits to government's rentification.</li> </ul>		
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The human environment	
<ol> <li>First economic revolution: agriculture 8000bc</li> <li>Sec. economic revolution: science in production 1600ad</li> <li>Basics</li> </ol>	
<ul> <li>Genetics of 4 mill years as hunter-gatherers</li> <li>Environment-body interactions, adaptations, immunities</li> <li>Development of languages</li> <li>Symbol systems and storage of knowledge</li> <li>Evidence of large scale change:</li> </ul>	
<ul> <li>Population growth, longevity, mortality, cities</li> <li>Growth of economic and social inequality, rich and poor countries</li> <li>Division of labour driving transaction costs, driving growth in services and international trade</li> </ul>	
<ul> <li>Uncertainty due to physical factors declines while uncertainty due to social factors increase (predatory states, wars, terrorism)</li> <li>Growth of knowledge linked to evolving systems of beliefs: what is the difference between knowledge and belief?</li> </ul>	
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Sources of order and disorder	-
<ul> <li>Disorder endemic, most players loose, so why disorder?</li> </ul>	
<ul> <li>Role of consciousness and normative beliefs (deontics)</li> </ul>	
<ul> <li>Order can be imposed by</li> <li>Authoritarian means (Leviathan), a mixture of</li> </ul>	
coercive force and social norms	
<ul> <li>Consensus, internalised norms, shared belief systems and mental models, mutual coercion</li> <li>Real societies are often a mixture</li> </ul>	
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Problem of creating order	
<ul> <li>Disorder from changing benefits, shifts in power, eroding beliefs about legitimacy</li> <li>Order from</li> </ul>	
Shared beliefs about the role of government and rights of citizens     Constitutions assigning rights to citizens also limits the role of the state	
<ul> <li>Property rights are well defined so that transgressions are easily detected</li> <li>States provide credible commitment to citizen rights</li> </ul>	
<ul> <li>Formal commitments backed by strong social norms</li> <li>Case study: USA from colonial era onwards</li> </ul>	
<ul> <li>Adaptively efficient institutions mostly inherited from Britain</li> <li>Case study: Latin America from colonial era</li> <li>Stop and go growth based on institutions inherited from Spain</li> </ul>	
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Fallible humans getting it right	
<ul> <li>Problem: Reducing uncertainty and producing welfare</li> <li>Got it right by trial, errors, and new trials</li> <li>Needs to understand         <ul> <li>Decision making under strong uncertainty</li> <li>How humans learn</li> </ul> </li> <li>Get it wrong when         <ul> <li>Mental models provide wrong interpretations</li> <li>When conflicting beliefs allow those in power to avoid institutional change</li> <li>Case: shift from personal exchange to impersonal</li></ul></li></ul>	
From personal to impersonal exchange	
Sources of inability to change     Human genetic architecture developed for small groups. Defection was "natural" in large groups     Problematic defections required development of new mental models and institutions	
<ul> <li>And in particular enforcement mechanisms for the new institutions; meaning: shaping the state</li> <li>This required creating limits to the powers of the state</li> </ul>	
<ul> <li>How to create such a state is poorly understood. But it is know to take time and it has to be supported by an appropriate shared norm structure</li> </ul>	
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Knowledge and specialisation	
Small scale society needed that each was a jack of all trades	
<ul> <li>Increasing specialised knowledge came at the expense of general. This had to be compensated by trade</li> </ul>	
Uncertainty due to specialisation must be compensated by availability of wider variety	
<ul> <li>This entails low cost of transacting across a diverse range of markets</li> </ul>	
<ul> <li>To sustain the development increases in specialised knowledge became institutionalised</li> </ul>	
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Creating "effic	ient" markets: stati	cs	
	and wealth maximising choices		
factor market?  – Each market is a m	I give correct behaviour in each nixture of formal and informal are reflected in the transaction	ı	
costs  – Changes in constra	aints are created by a government	ent	
	at even a benevolent governme chieve its objectives	nt	
<ul> <li>Enforcement of ins their own structure</li> </ul>	titutions is made by agents with of interest	1	
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Creating "efficie	ent" markets: dynami	ce	
<ul> <li>Dynamics</li> </ul>	in markets. dynami	<b></b>	
<ul> <li>Alterations in the</li> </ul>	e performance of factor ma	rkets	
<ul> <li>Success in altera</li> </ul>	nding of its sources ations to improve performa	nce	
change	understanding the proces		
	anges require that the play wledge and are willing to a		
	re political action the resist groups must be overcome	ance	
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•	cient" markets: theory	′	
<ul> <li>Neo-classical ec Dynamic theory</li> </ul>	onomics is static. is unlikely because		
	ally change in institutions, hat players in a position to ns hold		
<ul> <li>Proposed change</li> </ul>	es induce reactions. he matrix of secondary		
consequences of change is inade	of proposed institutional quate, but essential to		
<ul> <li>The institutional</li> </ul>	mes of proposed changes matrix is itself evolving and	d	
maybe more rap	oidly than we can study it	12	

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The rise of the western wor	d (1)	
<ul> <li>Start:         <ul> <li>Roman Empire, Church, Geography,</li> <li>No large scale political units,</li> <li>Military attacks by Vikings, Magyars and Military response by fortifications and cava</li> </ul> </li> <li>Economy: Growth of manor and town exponses of warfare increased giving advalarger political units</li> <li>Many methods of "taxing" were tried: confiscation, borrowing, trading taxes for government services</li> </ul>	luslims, Ilry economy intage to	
<ul> <li>Plagues of the 14th century induced tradecline and changed agrarian organisa</li> </ul>	ade itions	
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The rise of the western wor	·ld (2)	
Compare developments of the Netherla Spain	ands and	
From beliefs to institutional development     Individualism? Protestant ethic?	nt	
Where do beliefs come from ? Religion     Do they permit/ encourage learning proces     Christianity: evolve belief that nature shoul	sses?	
Enter the competition of independent p a common belief structure and commun     Portugal/ Spain (failed)     Netherlands/England (success)     France (in between)	olities with	
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The rise of the western wor	1d (3)	
<ul> <li>Relative autonomy from external authority, trade liberties, lit conscience, representative government, long distance trade demand for institutions and struggle for control of the polity</li> </ul>	berty of e networks –	
<ul> <li>England</li> <li>Centralised feudal structure, Magna Carta, unity of Parliams sections), fiscal crisis of crown solved by accepting taxing p parliament, concepts of liberty, individual rights</li> </ul>	ent (no class lowers of	
Netherlands     Revolt against Philip II (Spain), establishment of federation rule), religious tolerance	(with unanimity	
<ul> <li>Spain, France</li> <li>Crown monopolises power, declining trade, revenue for war traditions between Castile and Aragon, bullion from the new Habsburg empire,</li> </ul>		
<ul> <li>Competition among polities</li> <li>Trading rights for revenue, havens for dissidents, evolving the strengths of rulers vs constituents diverging conditions tempolie functives. Individual rights became established in the Rights' enacted in England in 1628. Spain/ France was different processes.</li> </ul>	pered by diverging	
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The Rise and Fa	all of Soviet Union (1	)	
The rise     Marxist revolution wa	onal engineered change		
<ul> <li>build a society without commodities, values, prices, profits, wages,</li> <li>No world revolution, Socialism in one country, nationalisation of everything, decision making by the Bolshevik elite, development of bureaucracy, perverse incentives in the economy, every crisis increased bureaucracy, political control of bureaucracy</li> </ul>			
<ul> <li>A deeply held belief in</li> </ul>	n planning and engineers		
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The Rise and Fa	all of Soviet Union (2	)	
The fall 1985-91     Root cause was the party to control, nom-	loss of belief in the power of the	e	
<ul> <li>Since Brezhnev development of corruption and shadow economy, a succession of inept partial and failing reforms eroded confidence in the system</li> <li>Gorbachev could not get reforms (perestroika =reorganisation) implemented due to resistance at the top, turning to glasnost (=openness) his reforms succeeded and speeded up the disintegration</li> <li>The rise and fall of Soviet Union is an illustrative case for institutional analysis. Adaptive efficiency based on learning and altering beliefs, experimentation and weeding out failures was</li> </ul>			
missing	a nooding out railar oo mad		
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Improving eco	nomic performance	е	
Central conditions for known	or economic growth are		
<ul> <li>Beliefs →institutions →organisations →policies</li> <li>→outcomes may end in disaster as well as in</li> </ul>			
successful economi	c wellbeing		
<ul> <li>Problems of theory</li> <li>From beliefs to instit</li> </ul>	utional structure		
<ul> <li>Impact of changing particles</li> <li>transaction costs</li> </ul>	polities and economies on		
<ul> <li>Integration of distribution</li> </ul>	uted knowledge		
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From beliefs	to institutional structur	е	
<ul> <li>Religious fundan stereotypes, sup</li> <li>Inherited artifacture institutions, tools is not easily "mal because</li> <li>Impervious to che positions, interferent in Formal and infor</li> <li>Feedback on pol</li> </ul>	ional choice are not good nentalism, ethnic hatred, racist erstitions, shape transaction of ual structure (beliefs, , techniques, symbol storage leable" by deliberate actions ange, change threaten leaders rence from competing beliefs stitution is never enough mal institutions must "fit" each oth icy implementation is very ponitoring change difficult	s, )	
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	ging polities and economic	es	
on tr	ransaction costs		
Transaction cost     Measuring the mexchanged	s are the costs of ultiple dimensions of what is bein	g	
	dual property rights rsed knowledge of a society ments about exchange		
Policies for a unimeasures, specification	form system of weights and fication of property rights, an		
	y, organisations for integratio I lower transaction costs	n	
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Econor	nic performance		
The institution-or	ganisation matrix creates in the current institutions		
<ul> <li>Due to "clientelis attempting to ext larger systems</li> </ul>	m" in both economy and polity: end personal exchange relations	into	
<ul> <li>Dispersed knowled</li> </ul>	edge requires particular organisations to create effecti or markets	ve	
•	eans less than perfect understand	ding	
•	character of the world make ge into a continuous process		
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What we need to	o improve economies	5	
Clear understanding performance	of the source of poor		
institutional structure			
	ed economies the state nee e right way to compensate		
<ul> <li>A polity willing and ca change</li> </ul>	apable of implementing		
<ul> <li>A clear understandin unique political interv</li> </ul>	g that each society needs rentions		
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Where a	re we going?		
Our consciousness     Source of human cre     Source of human cru	,		
	of belief systems tailored to		
systematic approach	ture of the world sets limits nes to novelty nds adapted to confronting new		
problems?  - How new are the pro-			
who are in a position	eive a problem correctly those to change institutions?  nking is genetically driven?		
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	urces of human decision	n	
Falling information	naking n costs		
<u> </u>	ingly successful institutions		
<ul> <li>A sobering story t</li> </ul>	to study Sub-Saharan Africa e Muslim world, the		
<ul> <li>Current economic</li> </ul>			
social change  • History show how	societies arow and		
	uld we be different?		
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