

Union of Intelligent Associations

Integrative Design Metaphors
enabling strategic comprehension
of the global brain

Anthony Judge

Union of International Associations

World Academy of Art and Science
*Conference theme: The Future of Knowledge:
Evolutionary challenges for the 21st Century
(Zagreb, November 2005)*

Panel theme: Organizing knowledge for human benefit

Overview: Union of International Associations

- Develop and manage large databases
- Non-profit research on international organization
- Largely self-financed -- cost-recovery
- Sale of information services
- Concerned with meaningful use of information
- Operates from Brussels since 1910

Scope: Union of International Associations

- Founded (Brussels, 1910) as clearinghouse for information on international organizations, their activities, their concerns
- Self-funded through information services as a nonprofit research institute
 - Yearbook of International Organizations (2005, 42. ed)
 - International Congress Calendar (2005, 45. ed.)
 - Who's Who in International Organizations (2005, 5. ed.)
 - Encyclopedia of World Problems and Human Potential (1995, 4. ed)
- Strong association with knowledge organization issues
 - Universal Decimal Classification (from 1910)

UIA Prime Data Sets

International	Profiles	Links (web)
Organizations	59,430	839,351
Problems	56,543	276,657
Strategies	42,031	198,217
Meetings	213,086	222,418
Human values	3,257	119,255
Biography	21,013	36,465
Doc. Refs.	50,000	

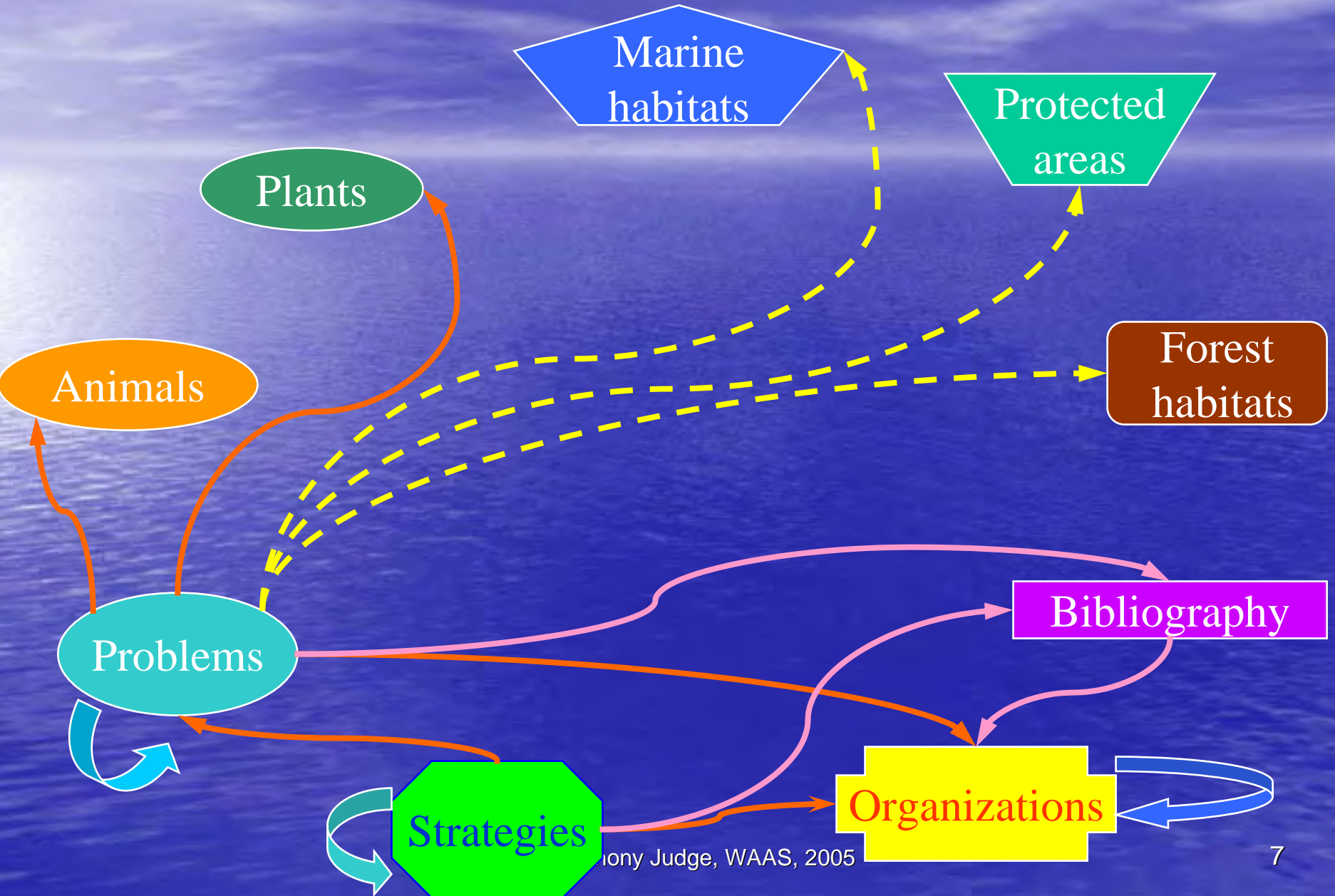
UIA Integrative Focus

- Problems (world, regional, social, etc)
- Strategies and initiatives in response
- Responsible international organizations
- Values guiding initiatives
- Human development objectives and modes
- Bibliographical and web resources
- Comprehensibility for governance

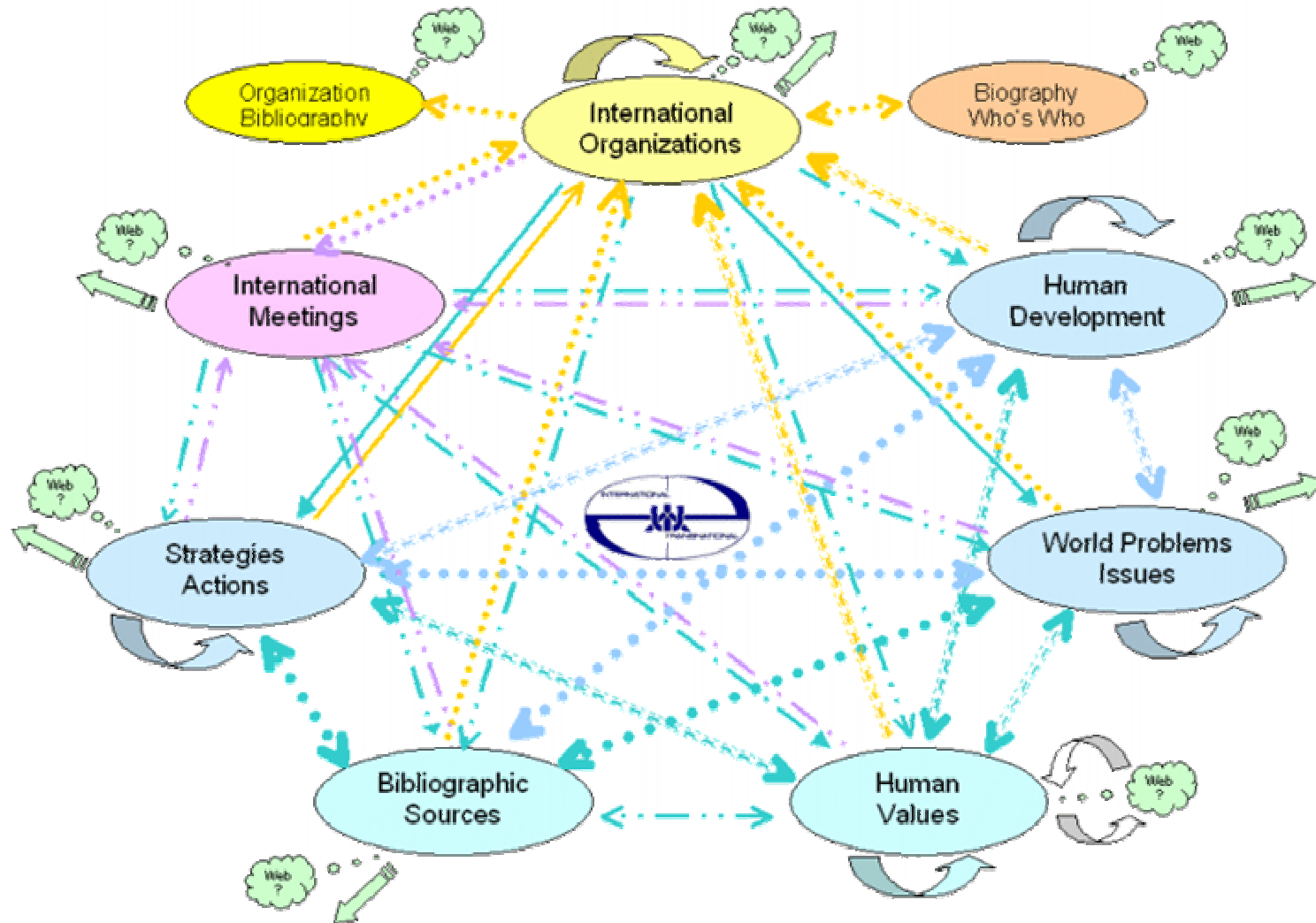
Approach / Assumptions / Bias

- Real entities: orgs. / problems / solutions / values
- "Global": comprehensive / pro-variety / "world"
- Matching networks: problems/orgs./strategies/etc
- Collecting biases / misrepresentations
- Incomplete / long-term
- Low-resource / geared to income stream
- Innovative low-tech / continuity

Hyperlinking datasets between institutions



UIA Interlinked Knowledgebases



Crisis of meaning

Contemporary Crisis of Meaning

- Conceptual incoherence in strategy
 - global
 - local
- Loss of sense of direction
- Loss of faith in systems and beliefs
- Fragmentation of initiatives
- Inter-disciplinary chaos and disrespect
- Conceptual and policy gridlock
- Severe erosion of institutional credibility

Frenetic Strategic Desperation

- Overproduction of
 - appeals
 - manifestos, declarations
 - resolutions
- Mutual recrimination
- Unrelated new initiatives
 - unrealistic action plans
 - proliferation of organizations
 - content-free conferences

Individual and Collective Uncertainty

- Crises in financial system
- From employment to unemployment
- Social insecurity (safety net inadequacy)
- Urban violence and personal safety
- Environmental fragility
- Erosion of moral and ethical standards
- Institutional corruption
- Policy indecision & Leadership vacuum
- Policy discontinuity -- broken promises

In Quest of New Vision ?

- Dependence on a single global vision?
- Dependence on a single metaphor - "vision"?
 - no "sound" → an "unsound" future?
 - no "smell" → great visions that "stink"?
 - no "touch" → for future "untouchables"?
 - no "taste" → towards a "tasteless" future?
- From vision to super-vision?
- Vision "myopia" or "presbyopia"?

Global Values ?

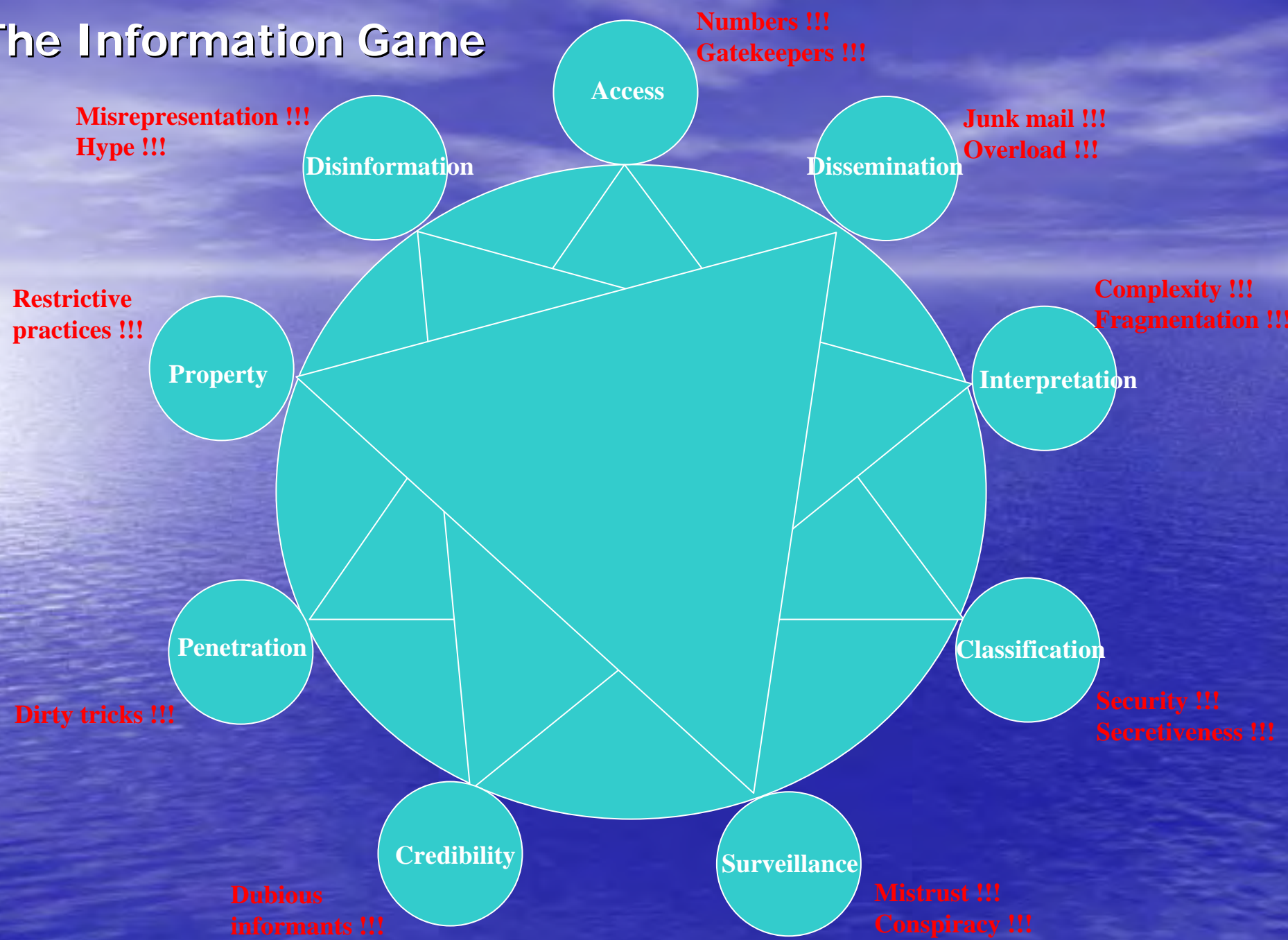
- Whose values?
 - whose values are recognized?
 - whose values are neglected?
 - what meaning do they have locally?
- Who designs the system of global values?
 - how are the values related?
- Who imposes the values?
 - what of alternative values?
 - and those who disagree?
- How do new values emerge...for the future?

Knowledge organization and the Policy challenge

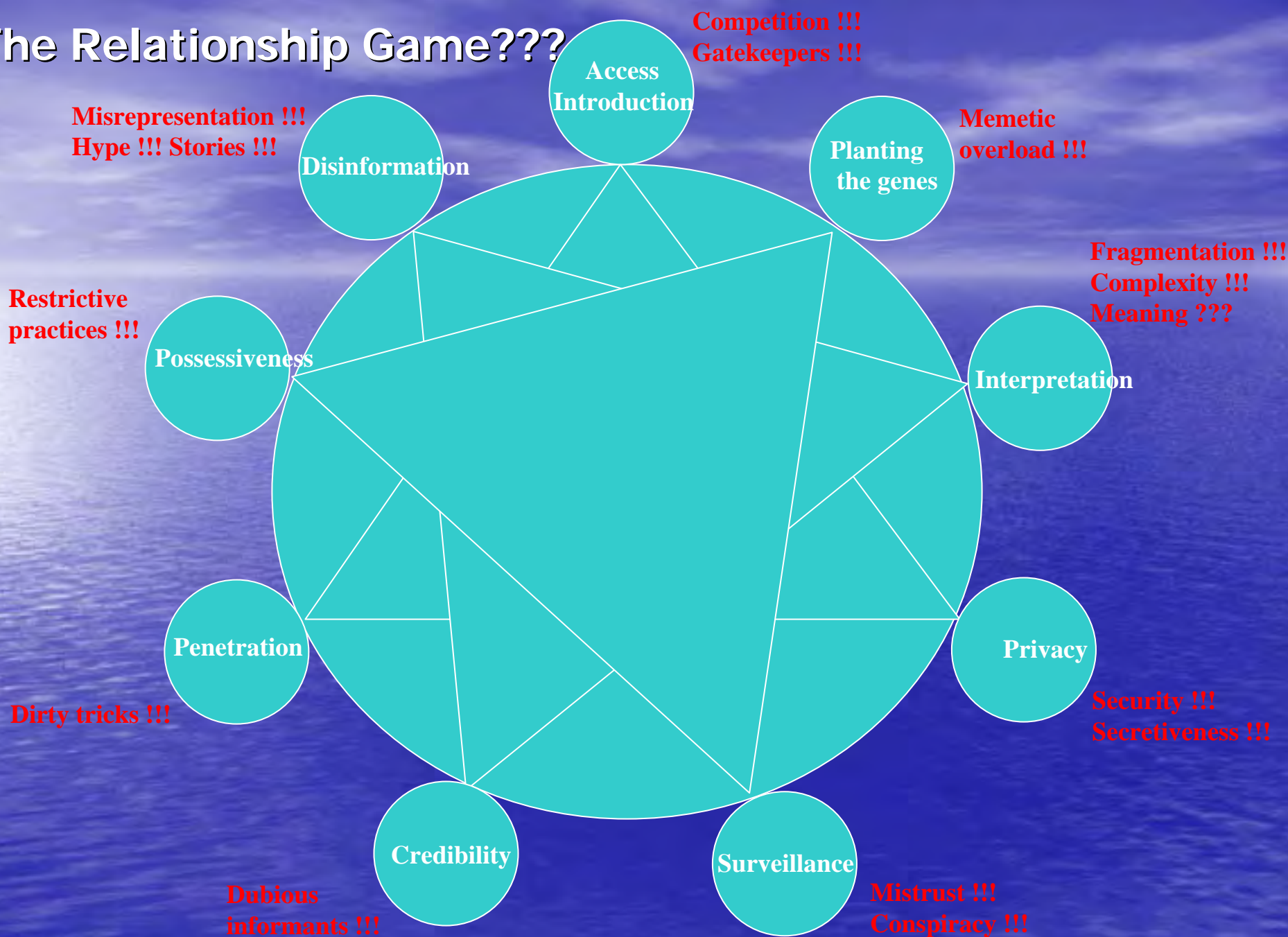
Information Overload & Underuse

- A truism -- there is “too much” information
- Overproduction of information
- Limited dissemination / readership
- Diminishing collective attention span
- Fragmented & disorganized information
- “Dumbing down” public information
- Unreliable information -- misinformation
- An analogous problem?: *overpopulation*

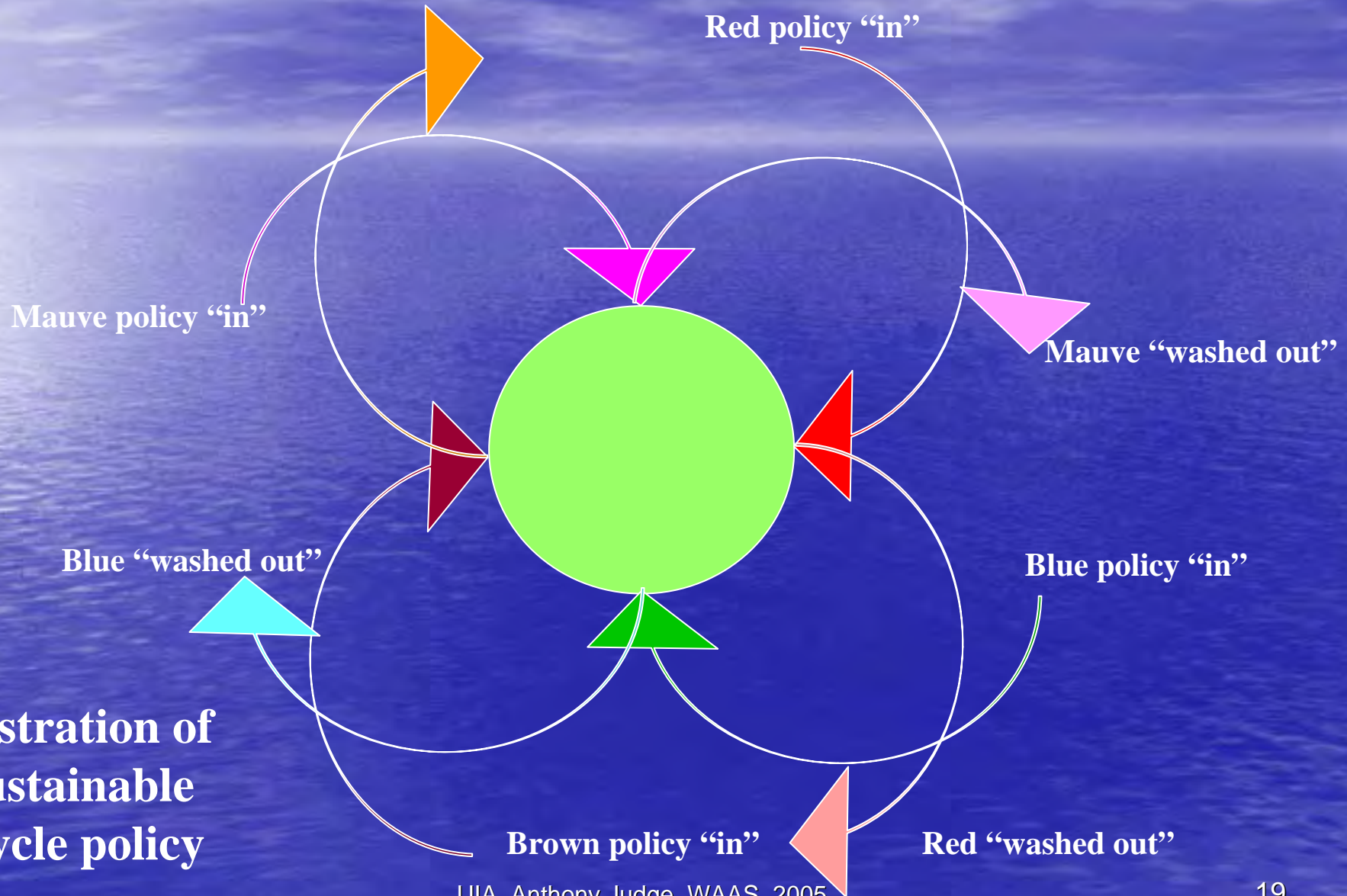
The Information Game



The Relationship Game???

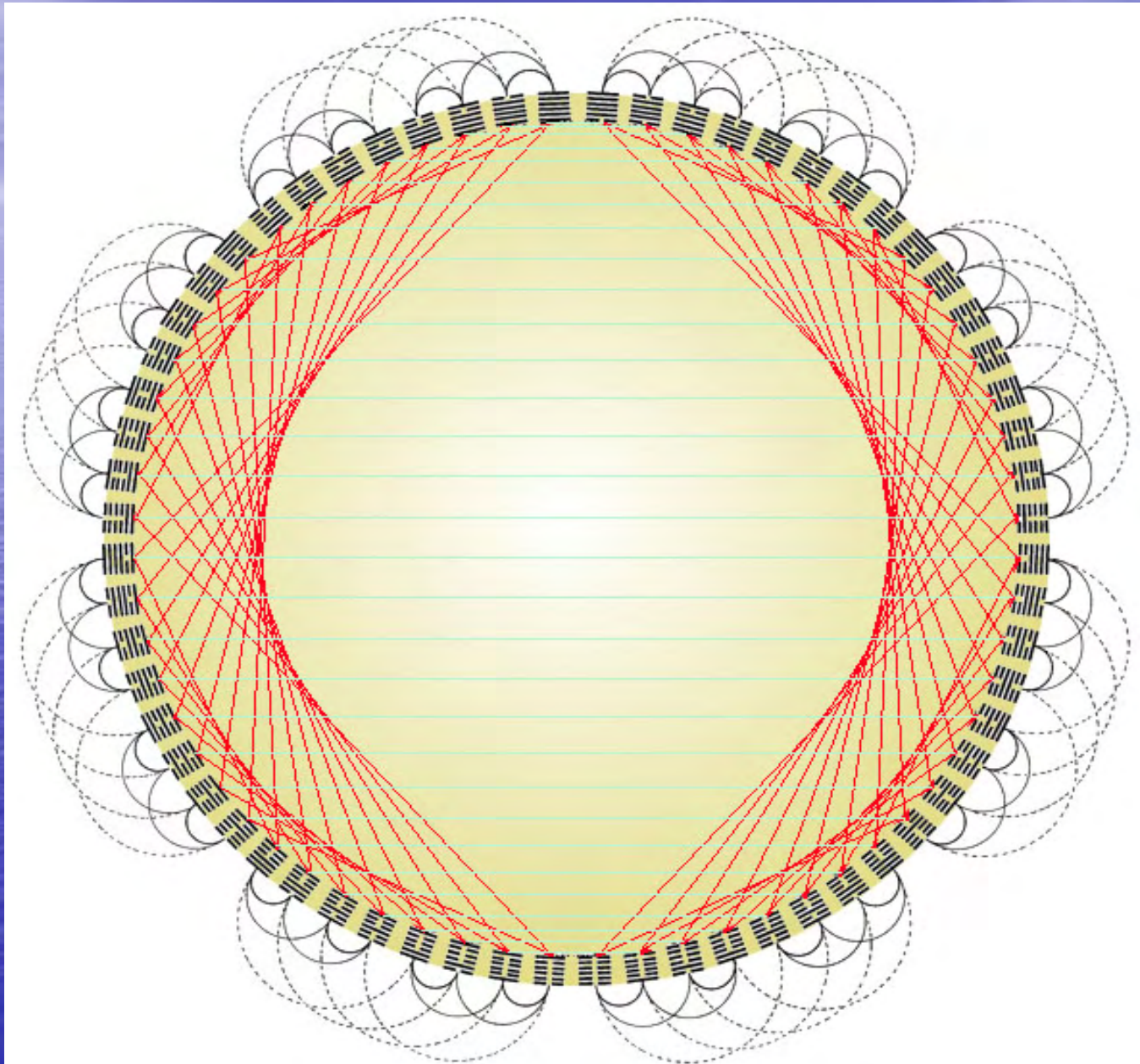


Crop rotation as a policy metaphor



**Illustration of
a sustainable
4-cycle policy**

Insights into policy cycles in Imperial China



Inappropriate Policy Metaphors for a rapidly evolving society

- Military metaphors (for peaceful purposes)
 - **targeting**... population groups
 - **mobilizing**...support
 - **war**...on drugs
- Simplistic, selective, static, linear metaphors
 - **vision** (but no other sense)
 - **programming**...people and organizations
 - **points** in a **line** of argument
 - **state** of the world / environment / etc

Associations

Evolving Pattern of Associations in a learning society

- Associations of ideas, **concepts**, theories
- Associations of different **technologies**
- Associations across **cultures**
- Associations across faiths and **beliefs**
- Associations of **values** (for quality of life)
- **Aesthetic** associations
- Associations of **people** and other bodies

Strategic Opportunities for Association

- New associations of ideas, **concepts**, theories
- New associations of different **technologies**
- New associations across **cultures**
- New associations across faiths and **beliefs**
- New **aesthetic** associations
- New **metaphors**
- New associations of **people** and other bodies

Implementing Associative Strategies

- Exploring new patterns of concepts, theories
- Exploring new inter-modal technologies
- Exploring cross-cultural fertilization
- Exploring dialogue across faiths and beliefs
- Exploring new aesthetic associations
- Exploring new metaphors
- Exploring new associations of people, groups, etc

Challenges of knowledge organization

Knowledge organization: “Technical” challenge

- scope / comprehensiveness
- response to detail
- mathematical representation (modelling / simulation)
- visualization (geometry / topology)
- user interactivity: change of perspective and degree of detail
- compatibility / consonance with popular frameworks (possibly as carriers)
- intuitive/psychological consonance
- memorable / mnemonic challenge
- adaptability / openness

Knowledge organization: “Strategic” challenge

- complementarity of incommensurable / opposing perspectives (keystone function)
- global comprehension (grokability)
- strategic insight for governance and communication channelling
- compatibility / consonance with popular frameworks (possibly as carriers)
- intuitive/psychological consonance
- memorable / mnemonic challenge

Knowledge: “Psycho-cultural” challenge

- Axes of methodological bias (*W T Jones*)
 - Order vs disorder; Static vs dynamic Continuity vs discreteness; Inner vs outer; Sharp focus vs soft focus; This world vs other world ; Spontaneity vs process
- Epistemological mindscapes (*Magoroh Maruyama*)
 - H (homogenistic, hierarchical, classificational); I (heterogenistic, individualistic, random); S (heterogenistic, interactive, homeostatic); G (heterogenistic, interactive, morphogenetic)
- Work-related values (*Geert Hofstede*)
 - Power distance ; Uncertainty avoidance; Individualism; Masculinity
- Modalities in dialogue (*Kinhide Mushakoji*)
 - Affirmation; Negation; Affirmation and negation; Non-affirmation and Non-negation
- Modes of reality construction (*Will McWhinney*)
 - Analytic; Dialectic; Axiotic; Mythic
- Forms of intelligence (*Howard Gardner*)
 - Linguistic; Musical; Logical/mathematical; Spatial; Bodily-kinaesthetic; Personal

Modes

Modes of knowledge organization: “ways of knowing”

1. Lists (selected, prioritized)
2. Hierarchically structured (nested levels)
3. 2-D Matrix (4-cell, n-cell)
4. Complementarity diagrams
5. Popular symbol systems (astrology, tarot, etc)
6. Network mapping
7. Dynamic (self-organizing) networks
8. Circular maps
9. Multi-media (morphable images, sonification)
10. Fractals (Mandelbrot set)
11. Configured 3-D structures (polyhedra, virtual reality)
12. Transformable structures

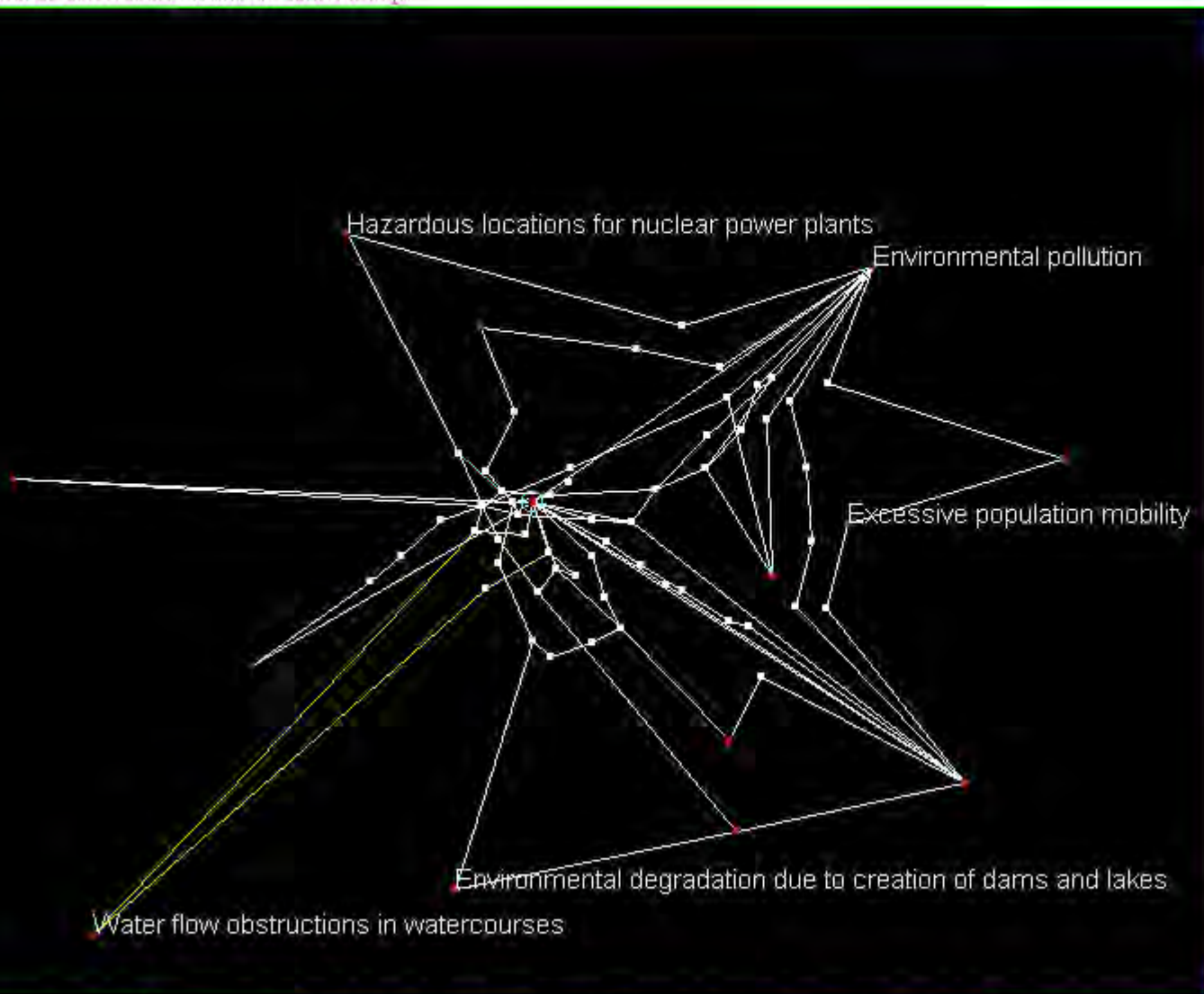
Lists

- XXXX

ks type: **Aggravates problems for Deforestation.**

s version only includes **problems in loops** (Loop total= 378). See also [\[non-loop map\]](#) [\[loop pattern\]](#)

below for [mouse button use](#) and how to [redefine map](#).



Controls

Font+ Font-

Randomize

- Show Arrows
- Thick Lines
- Show Link Types
- Show Icons
- Play Sounds
- Freeze
- Reverse Text

Toggle Background

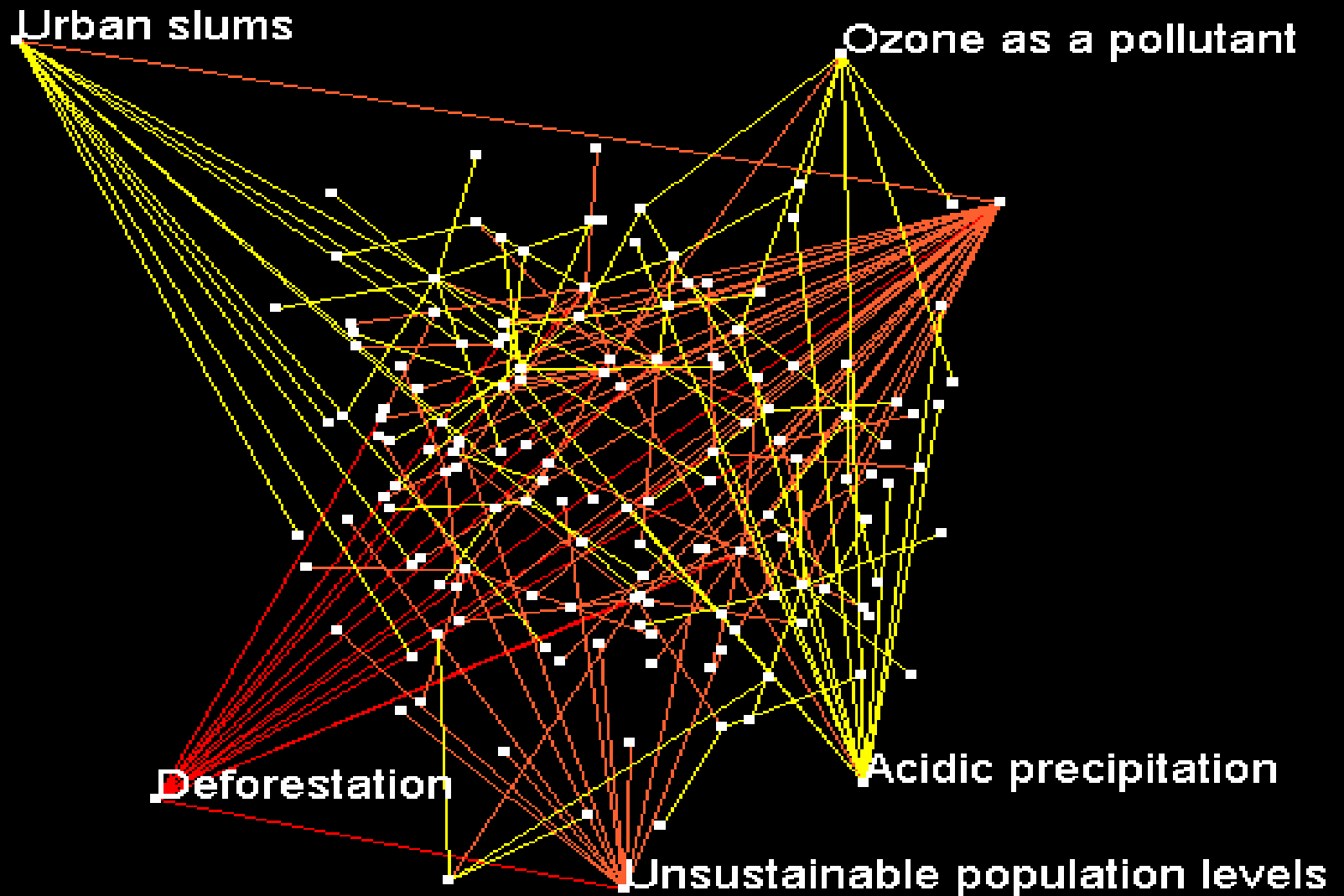


- SCALE *

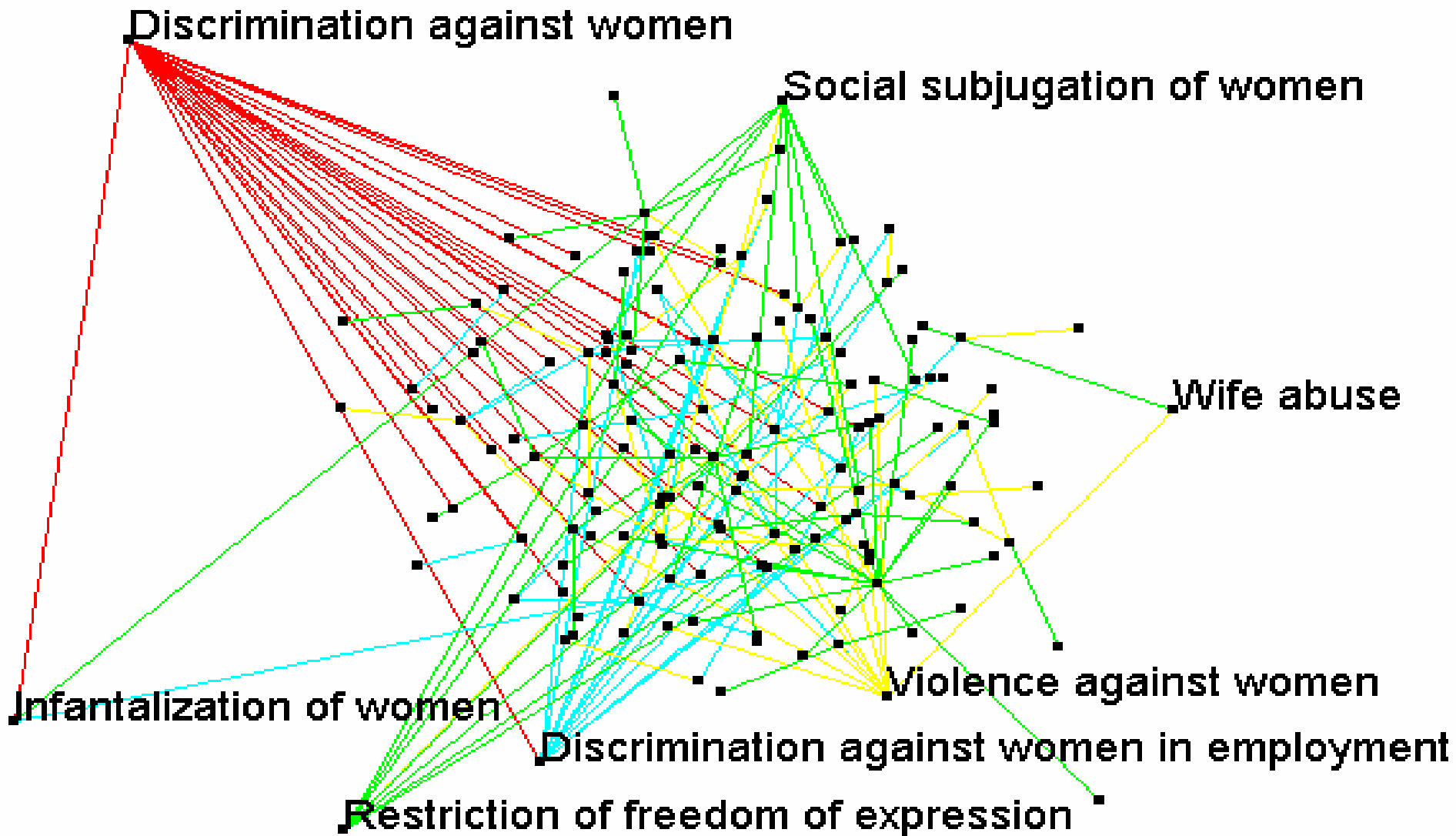
>> to Controls

Difficulties with map display ? In many cases these are due to the number of items requested -- try a smaller selection. Sometimes the mouse functions do not work -- try restarting your browser (or reboot to reinitialize the applet). Other errors may be due to defects in the data -- we are working on them ! If you do not like the colours, scale, background, line length or complexity -- then try changing them !

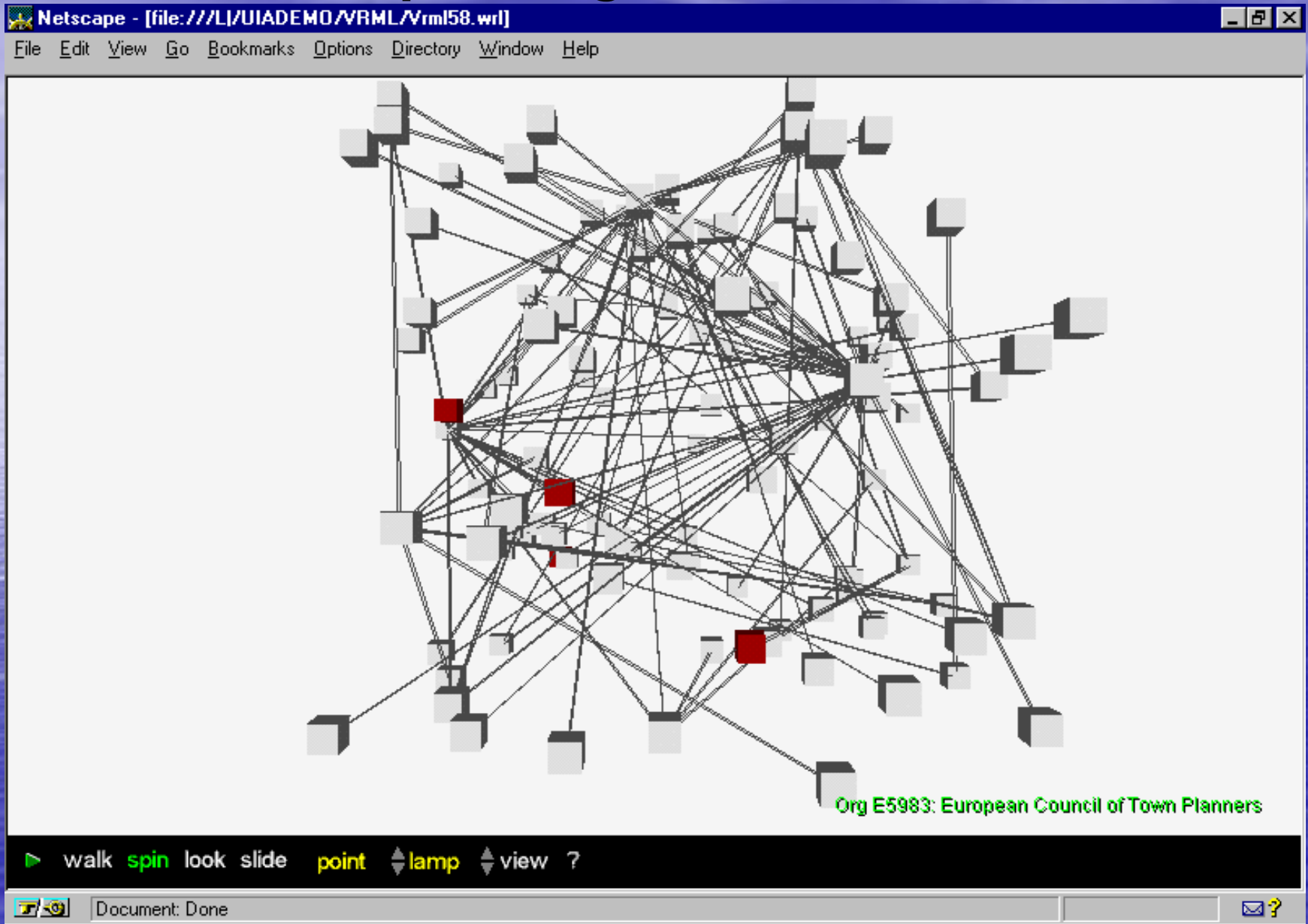
Conference mind-mapping



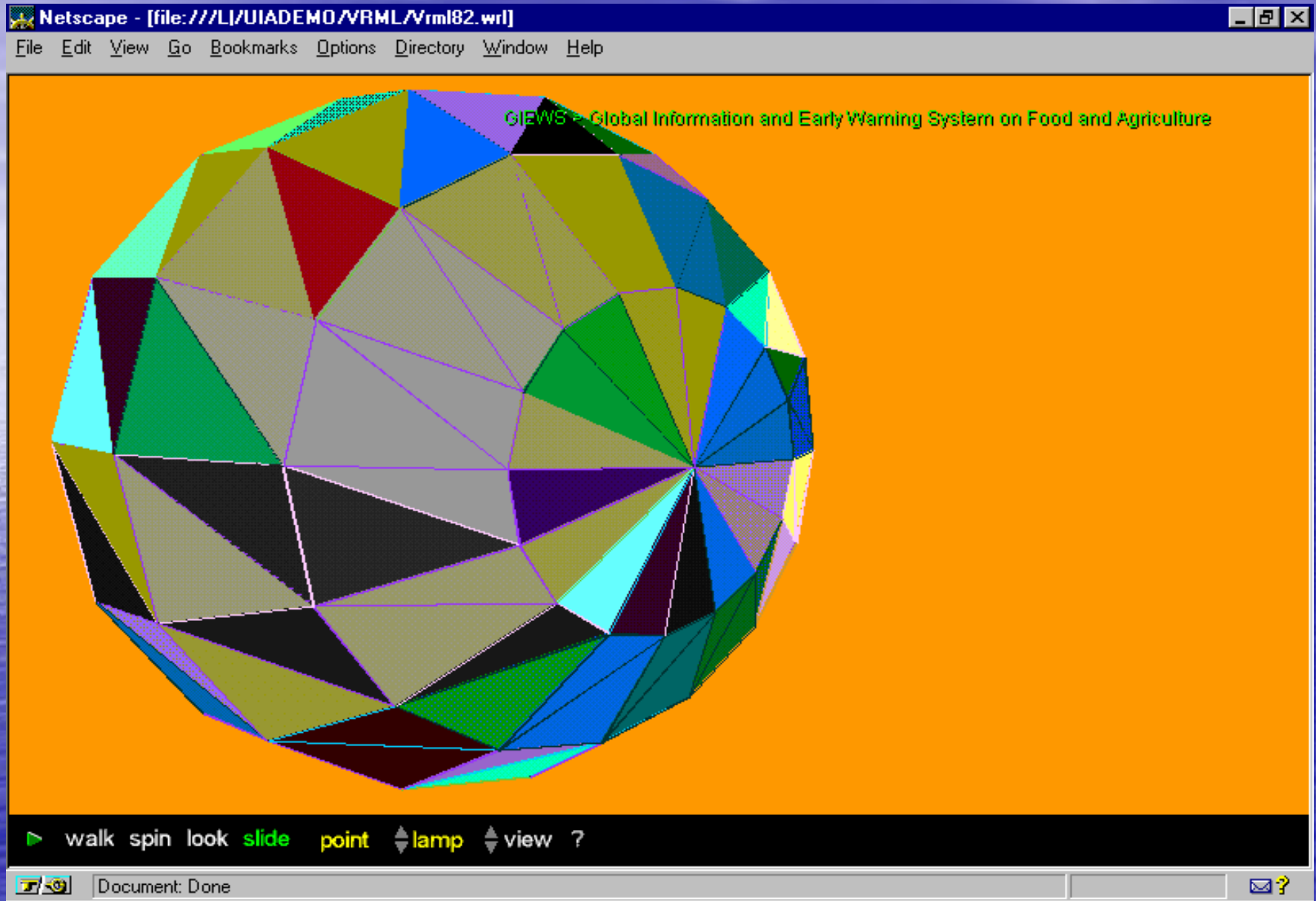
Conference mind-mapping



VRML Example: Organizations - network



VRML Example: Organizations (EU system)



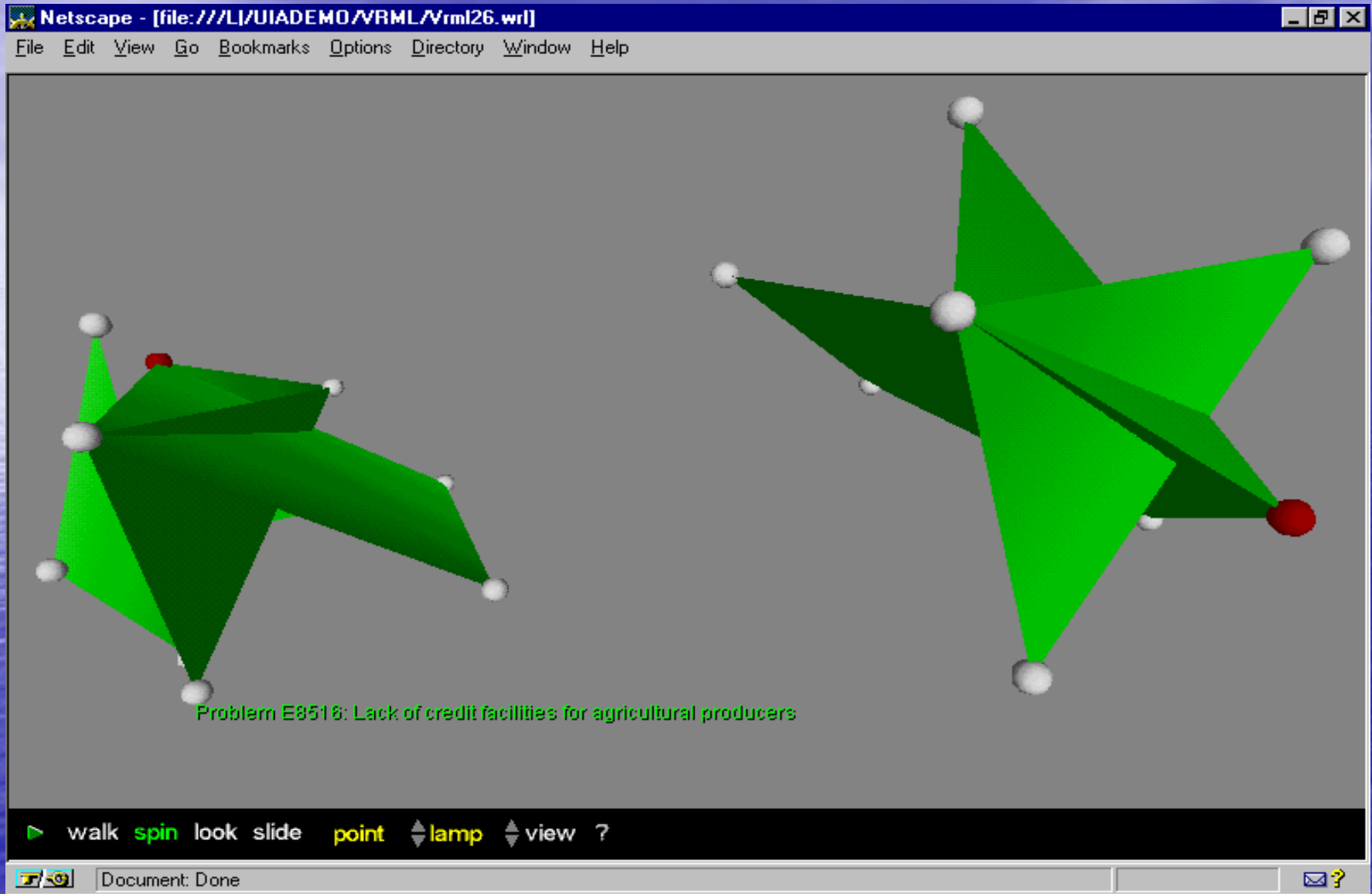
Vulnerability of marriage as an institution 34



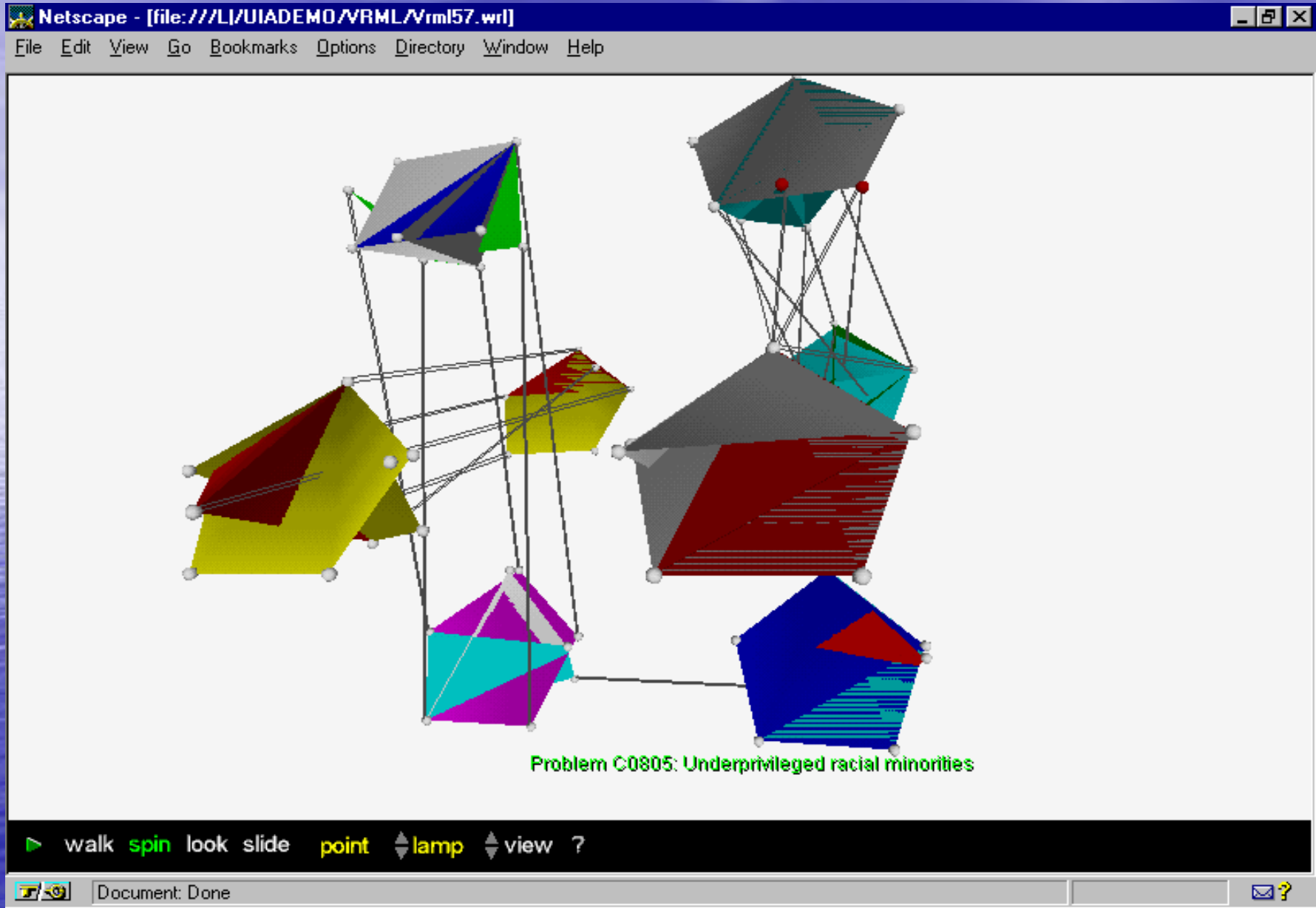
[Discrimination against women](#)

Virtual reality configuration of relationships from [World Problems](#) database (see below)

VRML Example: World problem loop interlocks



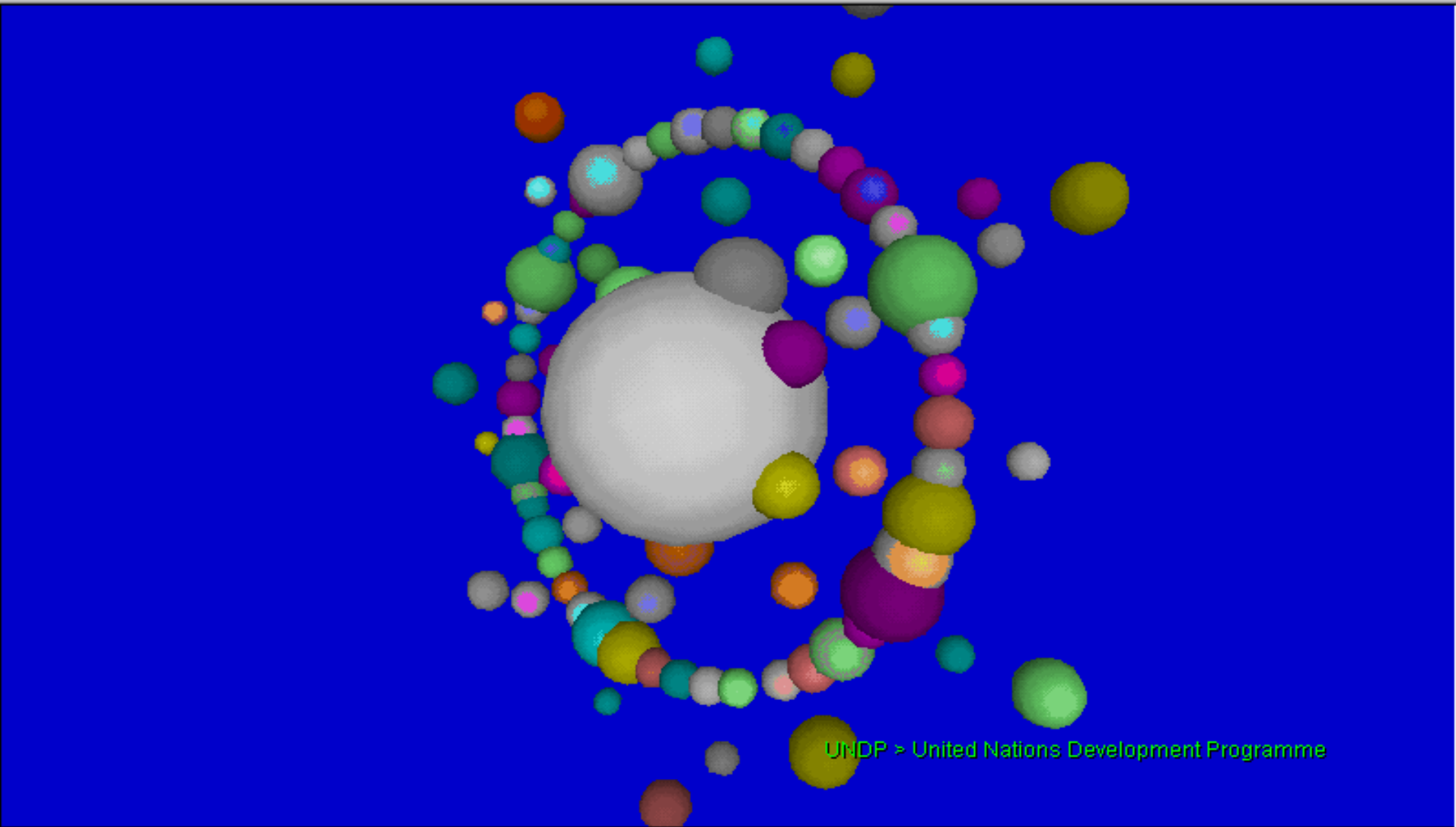
VRML Example: World problem loop interlocks



VRML Example: Organizations (World Bank system)

Netscape - [file:///LI/UIADEMO/VRML/Vrml107.wrl]

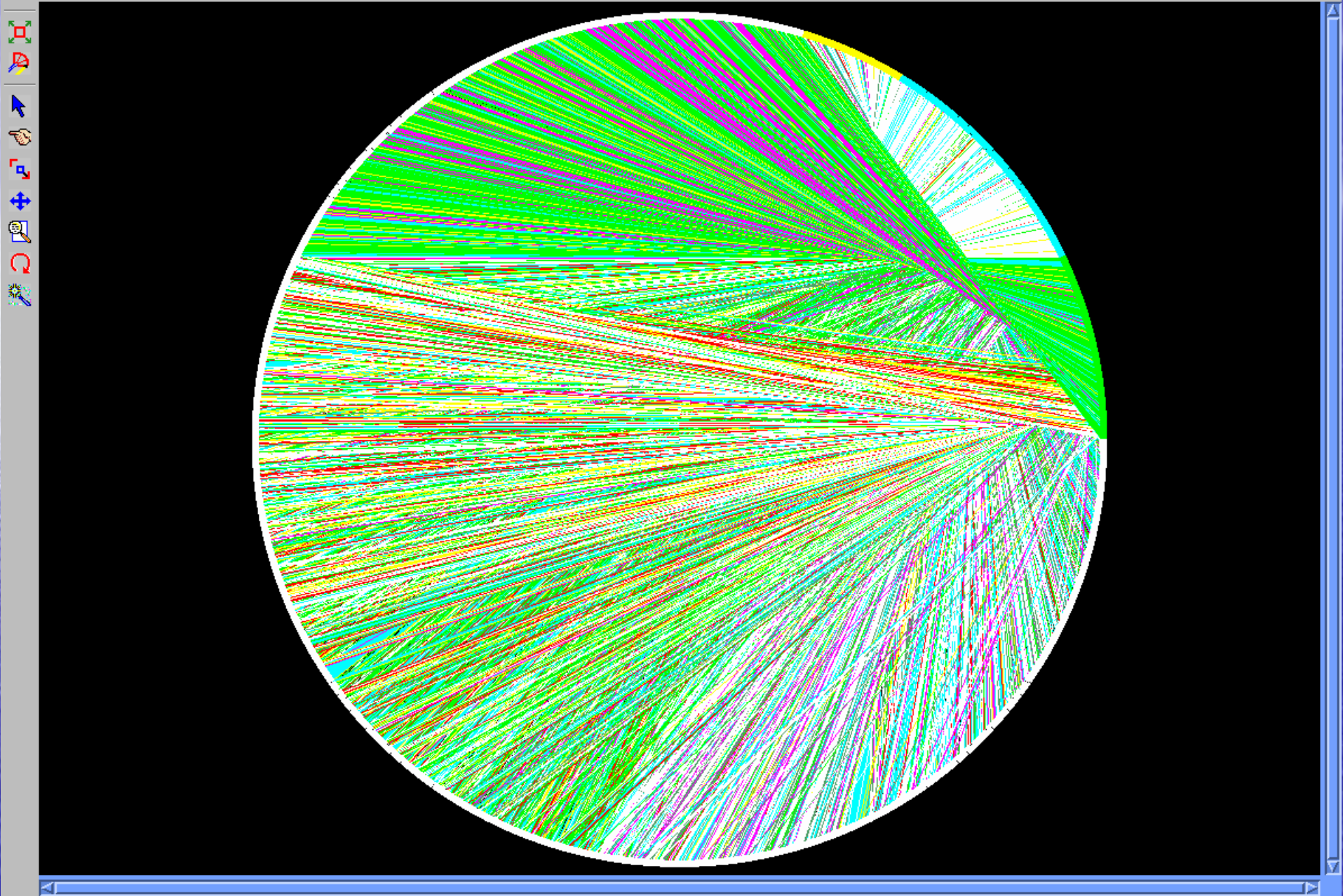
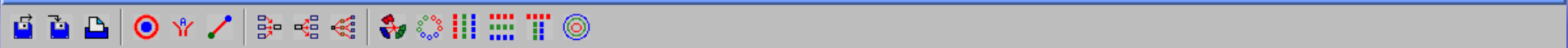
File Edit View Go Bookmarks Options Directory Window Help

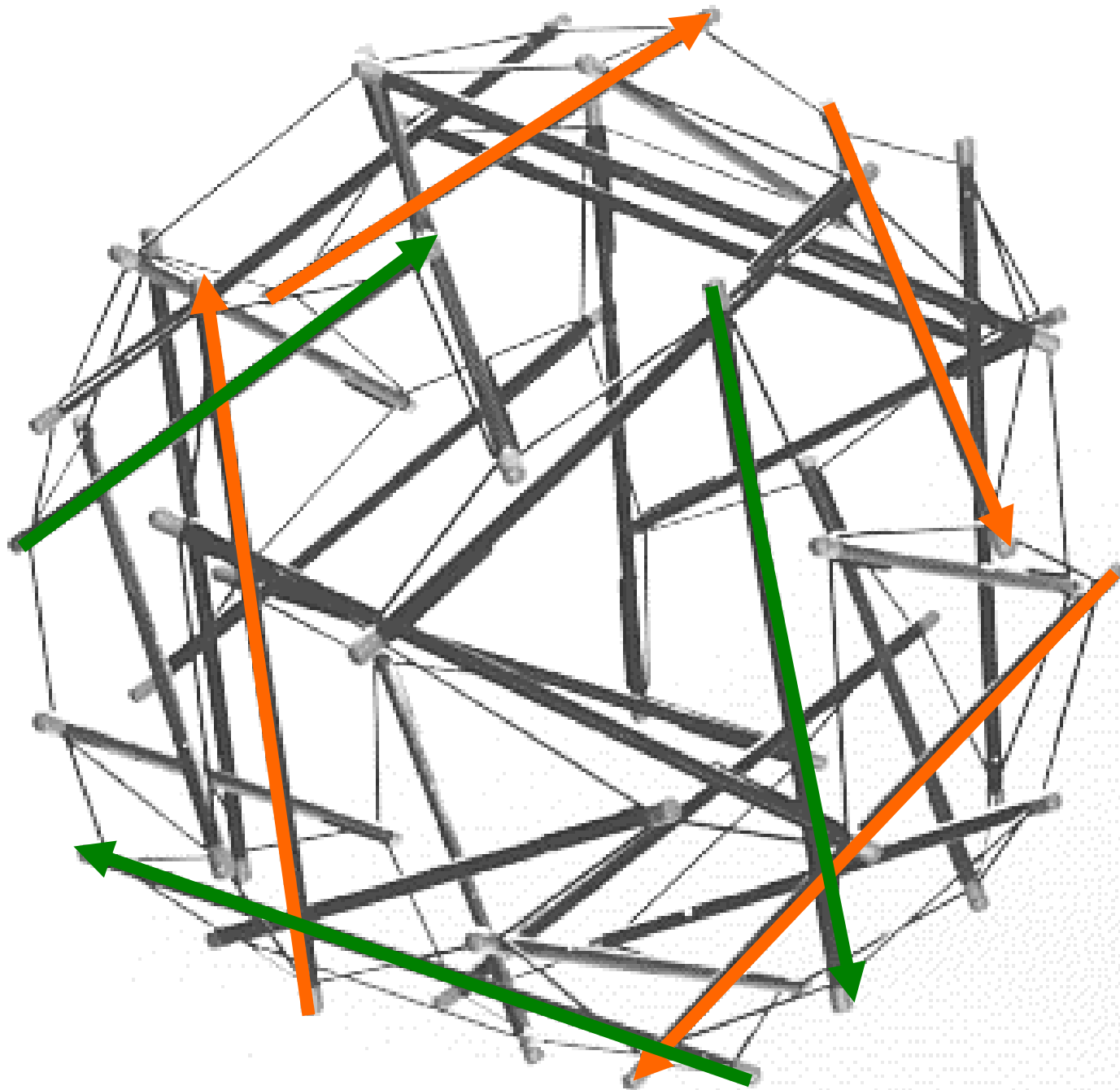


UNDP > United Nations Development Programme

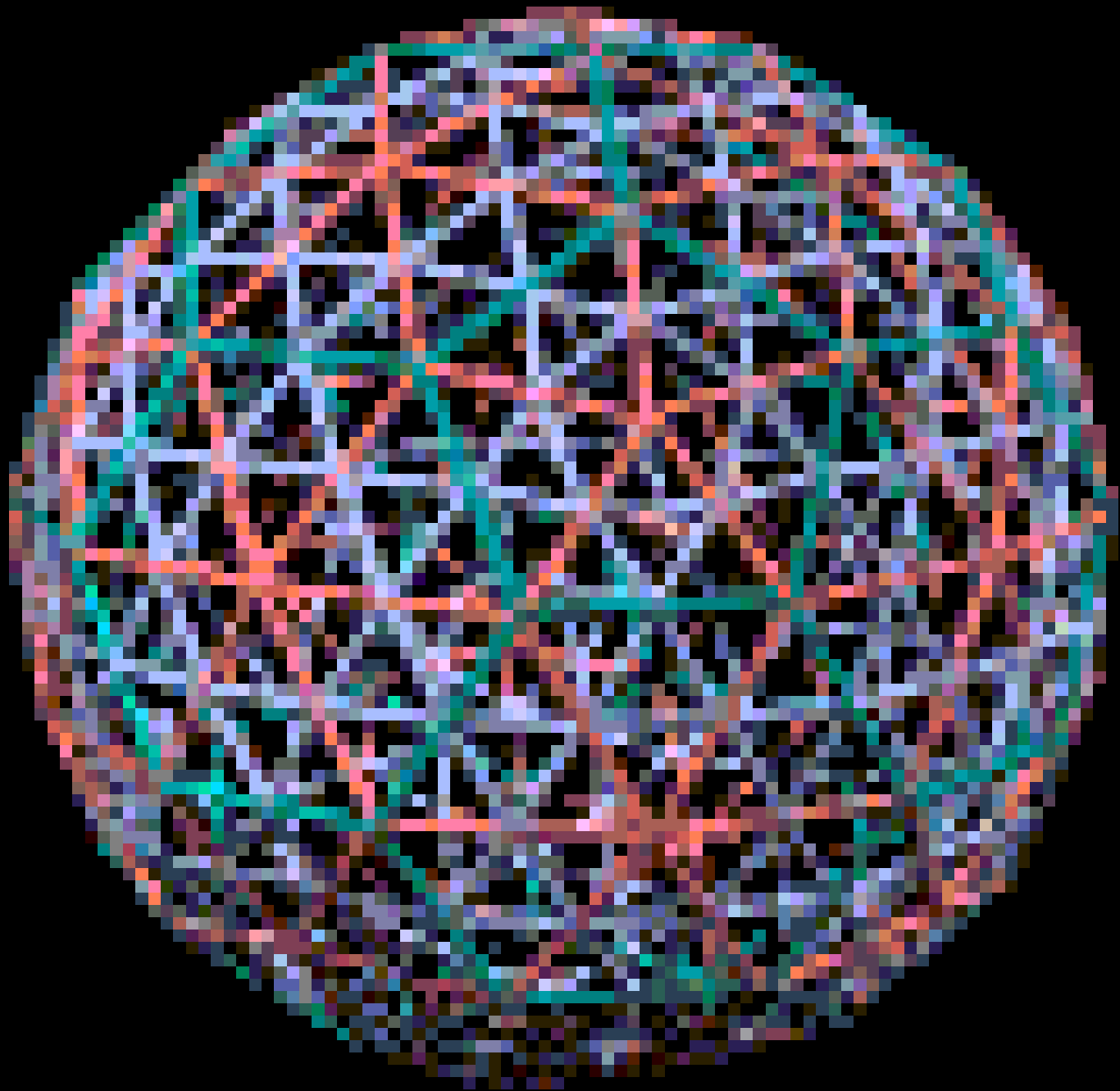
▶ walk spin look slide point ⬆ lamp ⬆ view ?

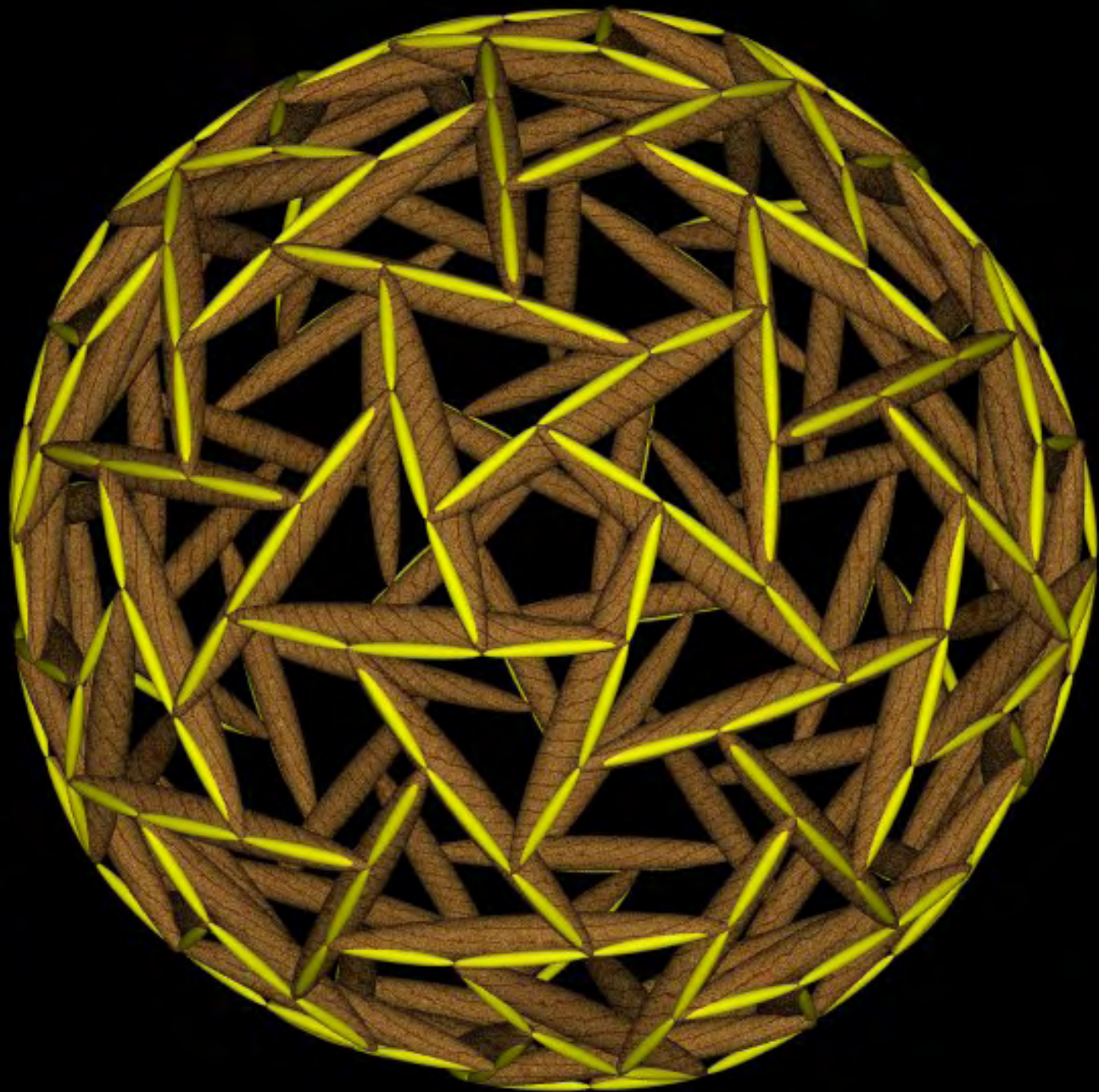
Document: Done

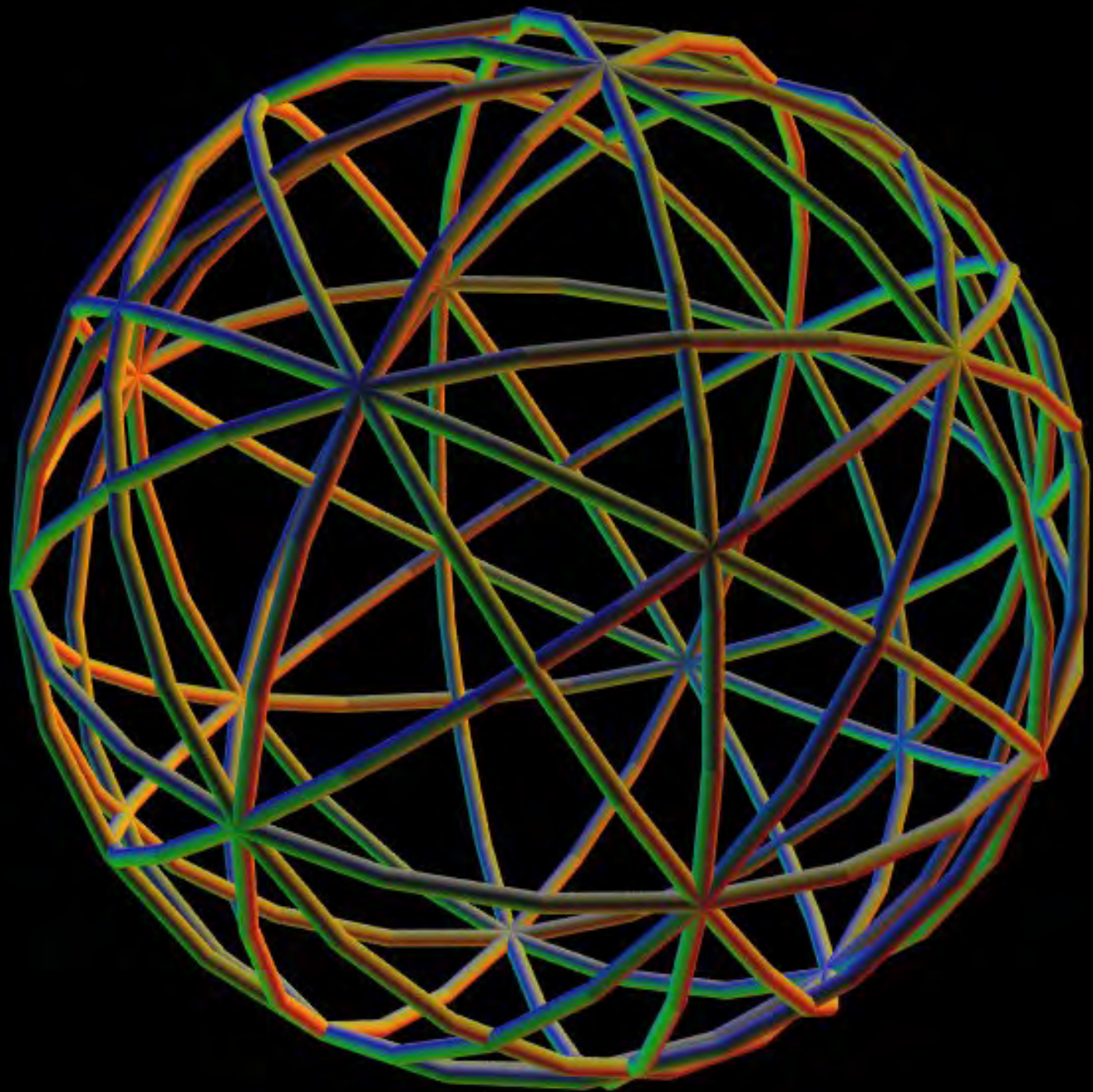












Global Brain

GB-relevant Features: 0

- **Organizations**
 - Globally connected distributive knowledge systems (pof global brain?)
- **Problems**
 - Collective phobias, neuroses (of global brain?)
- **Strategies**
 - Collective procedure, best practices (of global brain?)
- **Human values**
 - Attractors / Repulsors (of global brain?)
- **Meetings**
 - Binding moments (of global brain?)

GB-relevant Features: I

- Global: “world” / “unitary” / “integrative”
- Interrelating different kinds of entity
- Interaction with information sources
- Hyperlink context and generated links
- Hypertext editing
- Use of multi-media for conceptual integration
- Feedback loops

GB-relevant Features: II

- Reflection of real-world preoccupations
- Perceptions vs Facts
- Exaggerated claims and contradictory statements
- Non-closure and incompleteness
- Global modelling and simulation
- Subject matrix
- Humour

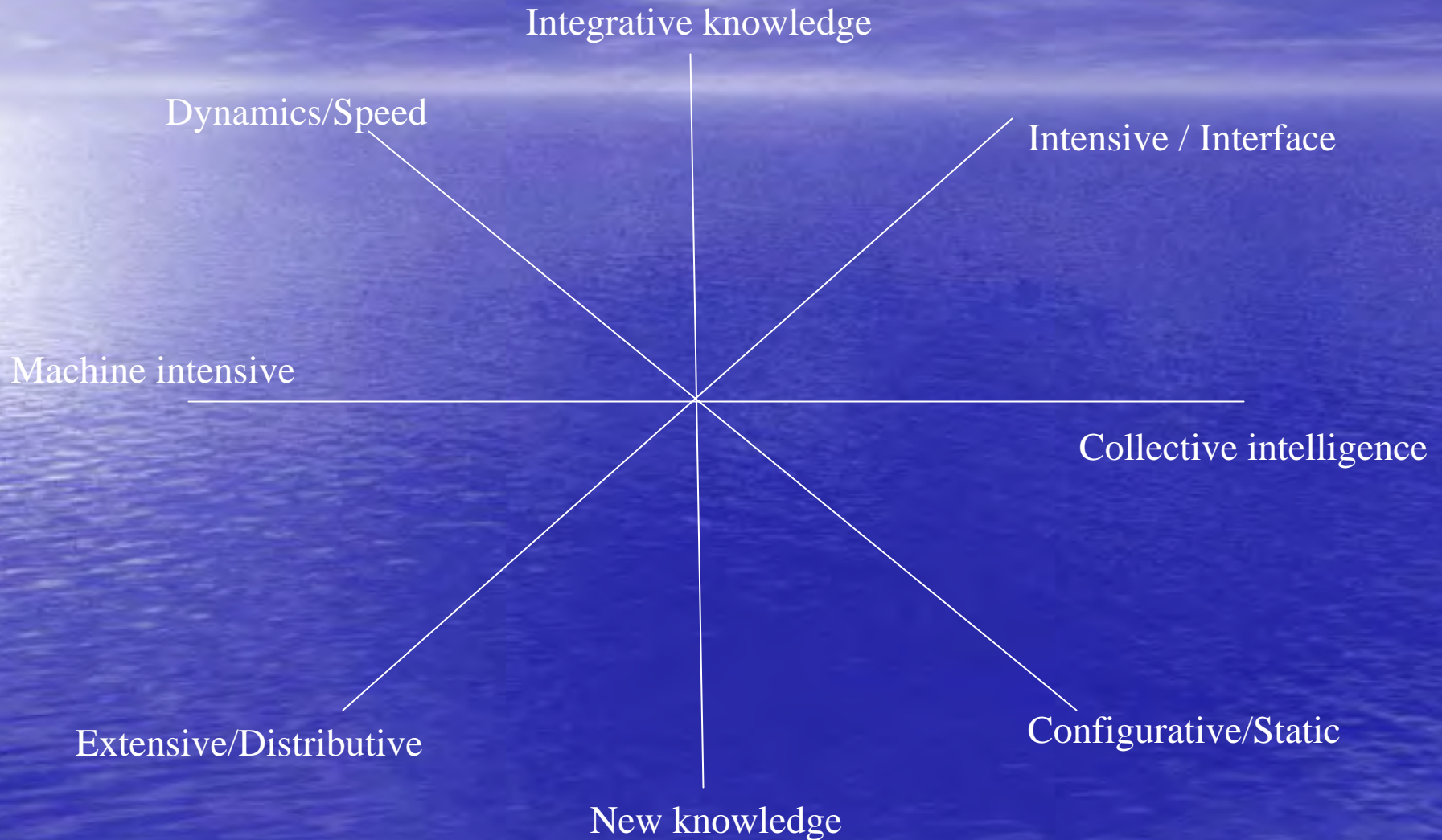
GB-Concerns: II

- Knowledge “corruption” and “diseases” of GB
- Funding development of a GB
- Limits to collaboration in GB development
- Global brain: What for?
 - Because it is possible?
 - Because it is needed?
 - Because it is a powerful symbol?
 - Because it would engender new learnings?
 - Because it is effectively emerging?

GB-Concerns: I

- Cultural assumptions
- Styles of global brain
- Volatility and coherence within a GB
- Expanding knowledge universe
- Globality of person // Resonance with GB
- Hemispheric organization?
- Higher order functions and self-awareness

Dimensions of global brain



bbbbbbb

Integrating new metaphor with configurative software

marrying "Beauty" and the "Beast"

towards insight scaffolding & prosthetics

Beyond: "Active Worlds" ??

<http://www.activeworlds.com/>

- Home to hundreds of thousands of users and millions of kilometers of virtual territory.
- In Active Worlds you can:
 - explore over 1000 unique virtual worlds (3D "conferences" ?)
 - build your own 3D world on the Internet (own conference centre?)
 - make new contacts and chat with people from all over the world
 - play interactive 2D and 3D games
 - choose from a vast range of identities (conference roles?)
 - shop online in a 3D virtual mall
- **Future relevance to policy elaboration ???**

Gardening Knowledge !!!

- Cultivating patterns of knowledge
 - from menus to petals
- Ecologies of policies
 - conserving policy ecosystems
- Working virtually with patterns of hyperlinks
 - towards memetic engineering
- Integrating musical feedback
 - towards resonant knowledgescapes

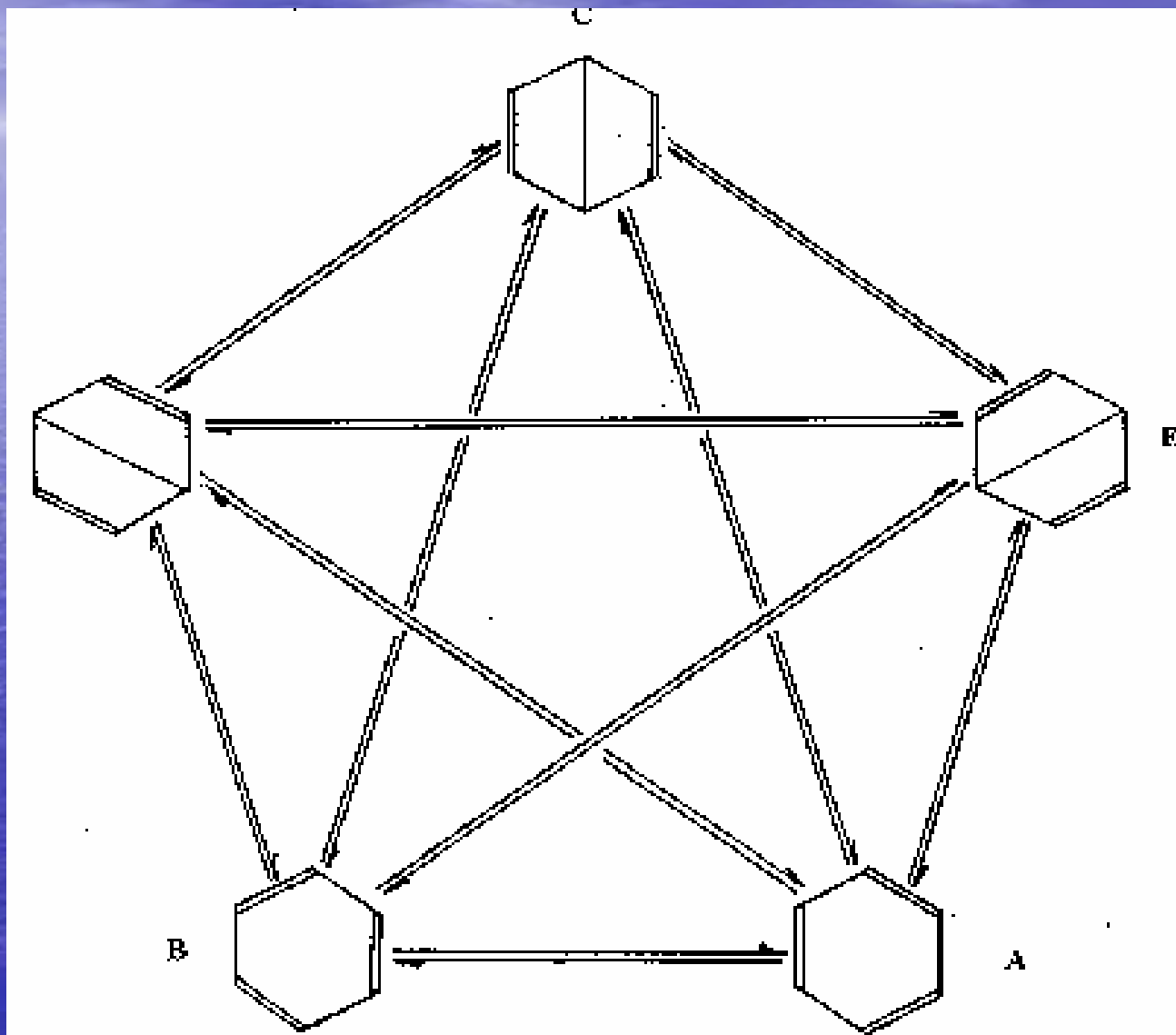
Psycho-technical challenges

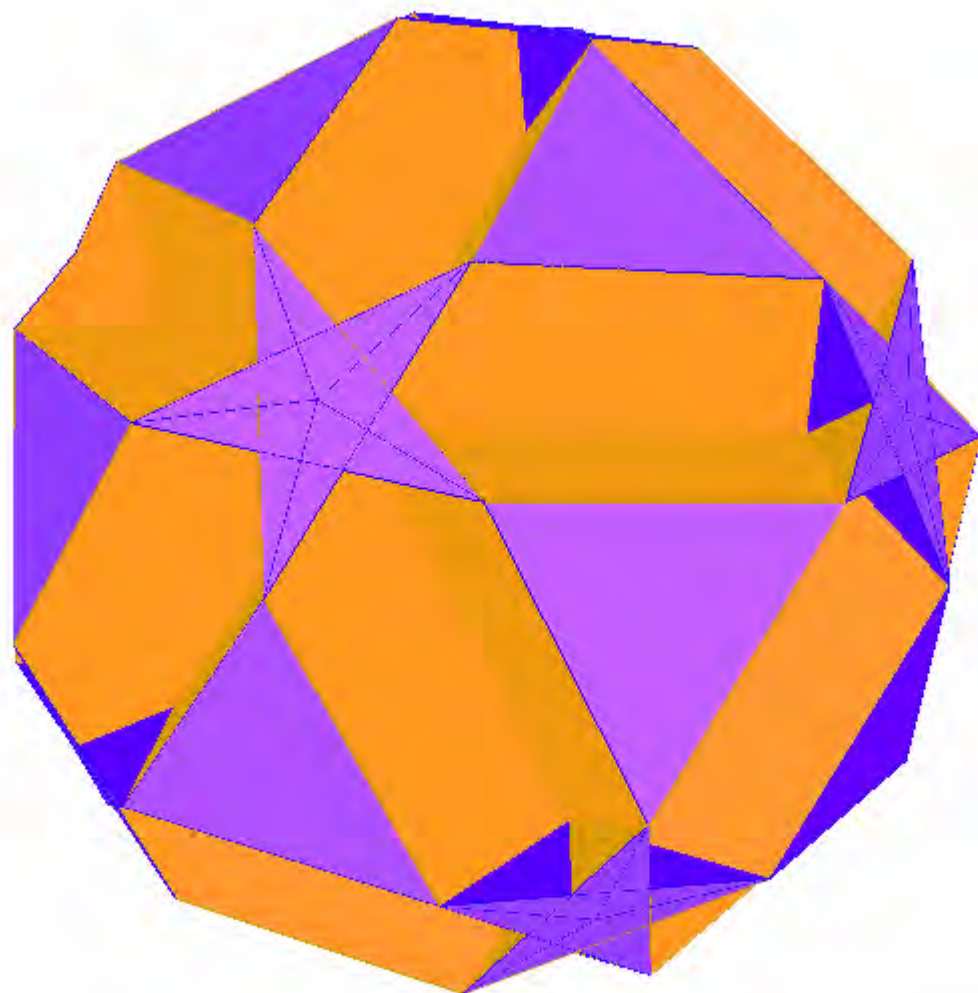
- Massaging active (web) information into memorable integrative configurations
- Enabling (web) users to explore their own aesthetic/imaginative preferences in doing so
- Converting such structures into communication templates (patterning/filtering message flow)
- Converting such evolving templates into evolving policy, legal and funding structures

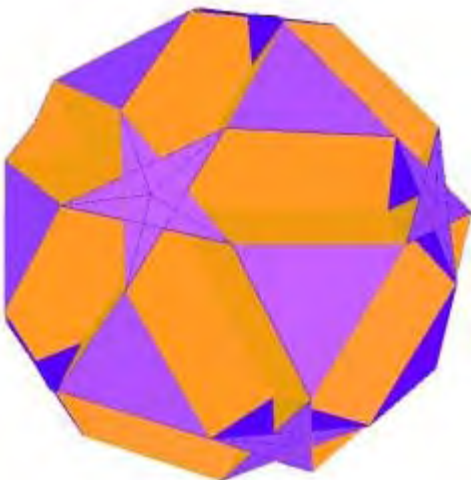
Beyond policy billboards !!!

- Dependence on strategic “vision” metaphor
 - **vision**: myopia, blindness, billboarditis
- Complementary metaphors
 - **sound**: hearing the voice of the people (soundscapes)
 - **touch**: touching the hearts of the people (touchscapes)
 - **smell**: policies that stink !!! (policy smellscapes)
 - **taste**: tasteless policy (policy tastescapes)
- Sound (as opposed to Vision)
 - as the metaphoric key to strategic harmony

Resonance Hybrids: Key to future sustainability ?



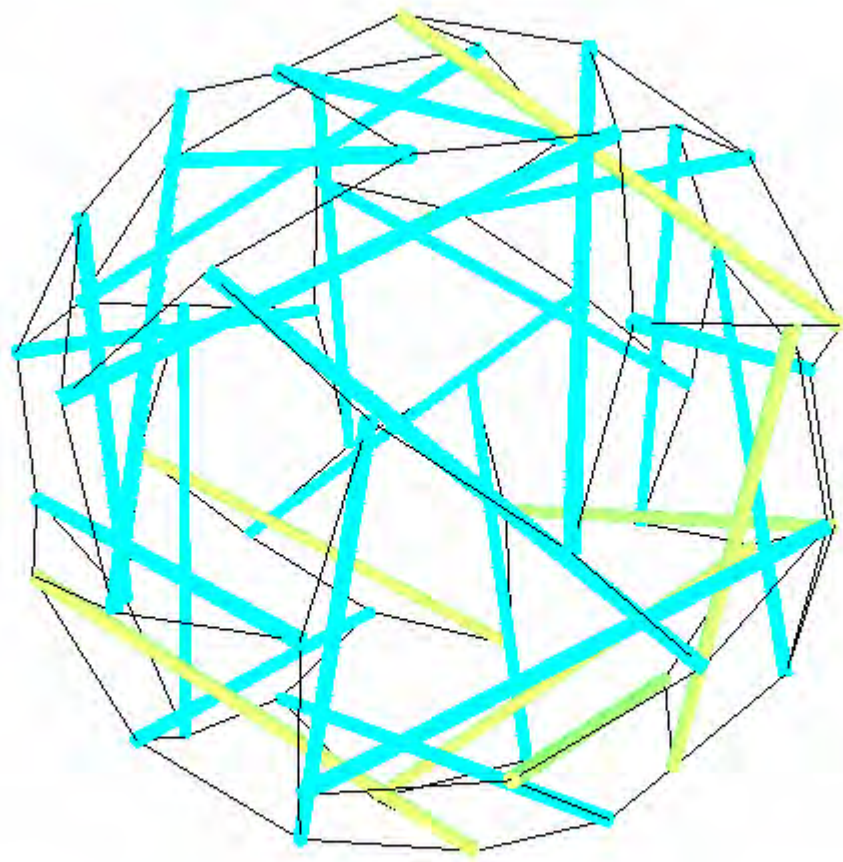




Link type	Total	Priority	Shape	Colour
Broader problems	4	Low (Any) ▾	Any ▾	Random ▾
Narrower problems	7	Low (Any) ▾	Any ▾	Random ▾
Related problems	2	Low (Any) ▾	Any ▾	Random ▾
Aggravates problems	22	Low (Any) ▾	Any ▾	Random ▾
Aggravated by problems	13	Low (Any) ▾	Any ▾	Random ▾
Reduces problems	0			
Reduced by problems	0			
All links	48	Low (Any) ▾	Any ▾	Random ▾
No link	-	Low (Any) ▾	Any ▾	Random ▾

Submit

Reset



Progressive Refinements of Problem Loops

Date	1995	1999	1999	2000	2000
Chains	9,519,722	15,000,000	46,474,882	16,091,877	1,239,769,768
Profiles	-	-	6,891	1,217	12,397
4-Loop	115	-	-	-	230
5-Loop	527	-	-	-	473
6-Loop	3,058	-	-	-	1,163
7-Loop	3,568	-	-	-	3,473
8-Loop	excluded	excluded	excluded	excluded	10,600
9-Loop	excluded	excluded	excluded	excluded	35,438
Total	7,303	6,000	15,958	8,253	51,555

Deforestation

[by Search](#) [[Loop list](#)] [[Alt.loop list](#)] [[Alt.loop pattern](#)] [[Loop map](#)]

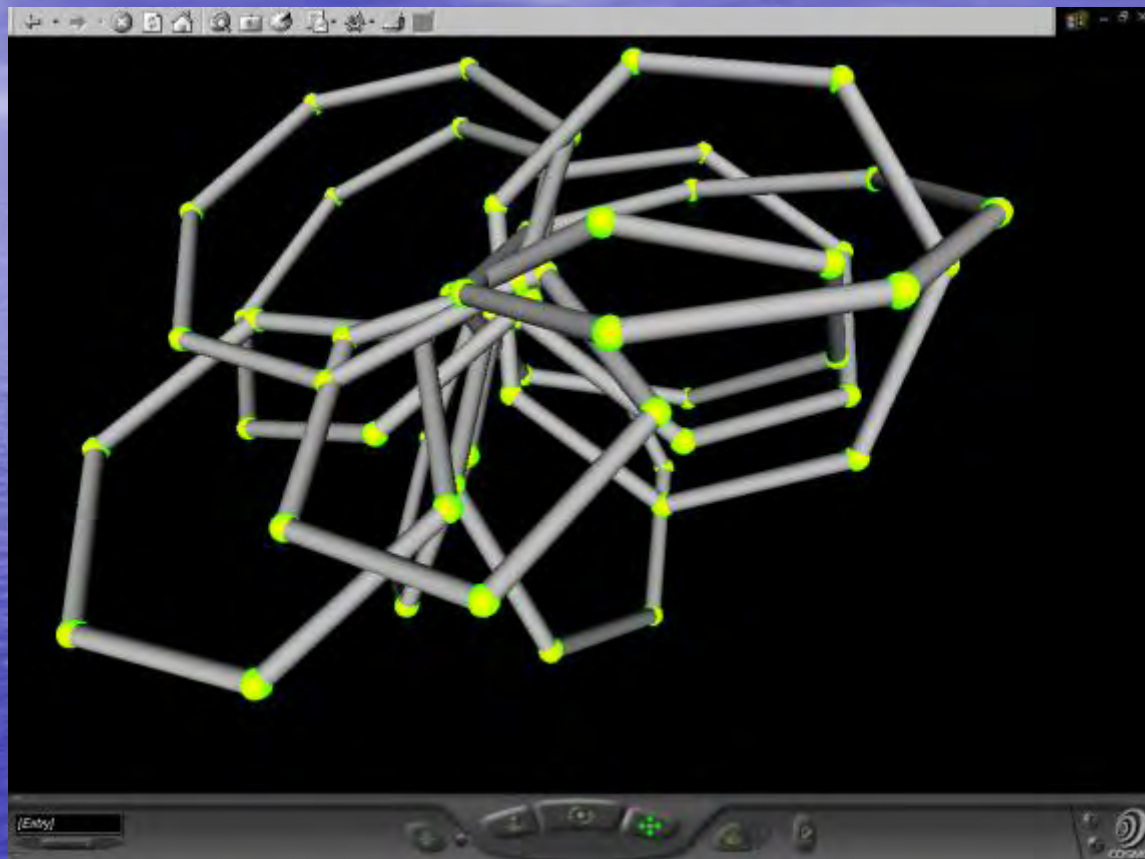
Overview of loop patterns for problems that **Deforestation aggravates**.

Table 1 shows chain of impacts (presented [elsewhere](#) as a nested loop list). **Max. number of loops currently listed= 15 (of 49).**

- Each row of table is a loop (starting from left-most coloured column).
- First (left-most) coloured column items impact second column items (2nd column items impact 3rd, etc).
- Last column items loop back to impact on those in first column.
- The pattern is helpful in highlighting questionable links and errors.

Table 2 gives names of problems in cells of Table 1. Click on any links in Table 2 to access profile (from which other types of information can be requested) or click to the [alternative presentation](#) to get an overview for problems that **Deforestation** is **aggravated by**.

Table 1	▶	▶	▶	▶	▶	▶	▶	▶	◀
Loop 1	_A	AV	AC	AB	AE	_Q	_P	_K	_M
Loop 2	_A	AC	AB	AE	_Q	_P	_K	_M	
Loop 3	_A	AC	AB	AK	AE	_Q	_P	_K	_M
Loop 4	_A	AC	AB	AK	_Y	_Q	_P	_K	_M
Loop 5	_A	_C	_L	AJ	_J	_H	_F	_B	
Loop 6	_A	_C	_L	AA	_J	_H	_F	_B	
Loop 7	_A	_C	_L	_J	_H	_F	_B		
Loop 8	_A	_C	_L	_J	_H	AU	AT	_N	_D
Loop 9	_A	_C	_L	_	_W	_T	_S	_R	
Loop 10	_A	_C	_L	_	_W	_T	AI	_S	_R
Loop 11	_A	_C	_L	_	_W	_T	_X	_V	_B
Loop 12	_A	_C	_O	_Z	AH	AS	AR	_E	_B
Loop 13	_A	_C	_O	_Z	AH	AQ	AP	AD	_I
Loop 14	_A	_C	_O	_Z	AG	AO	AN	AF	_U
Loop 15	A	C	O	Z	AG	AM	AL	G	B



Meeting Insight Capture

- 7,000 future int. meetings: key events?
- Binding moments
- Speed vs Configuration
- Eliciting patterns
- Cognitive resonance with patterns
- Maps / Morphs / Melodies
- Time binding vs Ever-rolling present

Database selected: **World Problems - Issues** (?)

Registered user ANTHONY_JUDGE | Free search | Full profile

Databases

Animals

Problems

Strategies

Organizations

Plants

Protected Habitats

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Feedback

21 Aug 00

[\[New Search\]](#) [\[With alternative titles\]](#) [\[Reload as table\]](#) [\[Un-nested list\]](#) [\[Map\]](#)Tree structure presentation for keywords: **FORESTS**Tree structure analysis for: **Narrower problems**; reload for alternative analysis based on:--- [\[Broader...\]](#) [\[Related...\]](#) [\[Aggravates...\]](#) [\[Aggravated by...\]](#) [\[Reduces...\]](#) [\[Reduced by...\]](#)Analysis requested for **2 rings**; reload for [3](#) [4](#) [5](#) [6](#) [7](#) ringsLinks from titles below access profile (from which **other types of [tree structure] analyses** can be requested)

Chain ends marked by |. Any duplicated items marked by **

Extend analysis in current mode through any [\[more\]](#) links below. Use table presentation to print for annotations

Save (and edit) page to use as special thematic interface to access profiles

- [Deforestation](#) [\[more\]](#)
 - [Forest decline](#) |
 - [Forest fragmentation](#) |
 - [Tropical deforestation](#) **
 - [Fish-bone deforestation](#) |
 - [Deforestation in time of war](#) |
 - [Deforestation of mountainous regions](#) |
 - [Destruction of wildlife habitat by fire](#) |
- [Endangered forests](#) [\[more\]](#)
 - [Threatened forest habitats](#) [\[more\]](#)
 - [Threatened plantation trees](#) |
- [Forest decline](#) |
- [Unsustainable development of forest lands](#) [\[more\]](#)
 - [Inappropriate tree plantations](#) |
 - [Inadequate watershed management](#) [\[more\]](#)
 - [Environmental hazards from logging](#) [\[more\]](#)
 - [Disruptive migration to forest lands](#) |
 - [Unsustainable cultivation of long-lived trees](#) |
 - [Misuse of tropical rain forests for agricultural development](#) **
- [Tropical deforestation](#) **
- [Unethical practices in forestry](#) [\[more\]](#)
 - [Logging of old stand forests](#) |

Databases

Animals
Problems
Strategies
Organizations

ants

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Problems
Strategies
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Conservation

Sustainability

Hotspots

Hotspots
Policy
Organizations
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Subject Information

Summary
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Polynx Movie
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FeedbackDatabase selected: **World Problems - Issues** (?)

Registered user ANTHONY_JUDGE | Free search | Full profile

Index extract on: 21 Aug 00 | [[Browse alphabetic index?](#)] | [[Browse subjects?](#)] | [Equivalent for [Strategies](#) | [Organizations](#)]23 Item(s) found for keyword(s): **FORESTS**Sort order requested: **None**Selection below: **Unrestricted**. User is: **Anthony Judge****Page: 1** (no more pages) [[New Search](#)] [[With alternative titles](#)] [[With analysis](#)] [[Tree structure](#)] [[Map](#)][Deforestation](#) [******][Endangered forests](#) [*****][Forest decline](#)[Unsustainable development of forest lands](#)[Tropical deforestation](#) [*****][Unethical practices in forestry](#)[Threatened alluvial forests habitats](#)[Misuse of tropical rain forests for agricultural development](#)[Inundation of forests through dams](#)[Threatened montane tropical forest habitats](#)[Threatened cool temperate wet forest habitats](#)[Illegal forest clearance](#)[Logging of old stand forests](#)[Threatened tropical dry forest habitats](#)[Threatened forested peatland habitats](#)[Threatened warm temperate moist forest habitats](#)[Undervaluation of forests](#)[Threatened serpentine forest habitats](#)[Threatened habitats of tall, dense needle-leaf conifer forests](#)[Threatened subtropical and temperate rain forests or woodlands biome](#)[Threatened temperate needle-leaf forests or woodlands biome](#)[Threatened evergreen sclerophyllous forests, scrubs or woodlands biome](#)[Threatened temperate broad-leaf forests or woodlands biome](#)

atabases

- Animals
- Problems
- Strategies
- Organizations

ants

- Protected Habitats
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- Biodiversity
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23 Item(s) found for keyword(s): **FORESTS**

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Page: 1 (no more pages) [\[New Search\]](#) [\[With alternative titles\]](#) [\[Without analysis\]](#) [\[Tree structure\]](#) [\[Map\]](#)

	t	c	k	x	h	f	l	o	s	u	r	w	Entry first title / name
C	**	11	68	=	<	>	378		S	V	R		Deforestation
C	*	4	36	=	<	>			S	V	R		Endangered forests
C		7	30	_		_	<	>	30				W Forest decline
D		9	37	=	<	>			S		R		Unsustainable development of forest lands
D	*	9	36	=	<	>	34		S	V	R		W Tropical deforestation
D		5	36	=	<	>	3		S				Unethical practices in forestry
D		1	12	=	>				S	V			Threatened alluvial forests habitats
E		3	19	=	<	>	24		S				Misuse of tropical rain forests for agricultural development
E		1	13	_		_		>		S	V	R	Inundation of forests through dams
G		0	4	_		_	--				V		Threatened montane tropical forest habitats
D		1	10	=		>					O	V	Threatened cool temperate wet forest habitats
E		2	3	_		_	--						Illegal forest clearance
E		4	17	_		_	<	>		S	V		Logging of old stand forests
D		1	8	_		_	--			S	V		W Threatened tropical dry forest habitats
E		0	4	_		_	--				V		Threatened forested peatland habitats
D		0	7	_		_	--		S	V			Threatened warm temperate moist forest habitats
F		1	14	_		_	<	>		S	V	R	Undervaluation of forests
E		0	4	_		_	--				V		Threatened serpentine forest habitats
G		0	7	_		_		>			V		Threatened habitats of tall, dense needle-leaf conifer forests
D		0	1	_		_	--						Threatened subtropical and temperate rain forests or woodlands biome
D		0	2	_		_	--						Threatened temperate needle-leaf forests or woodlands biome
D		0	3	=	--								Threatened evergreen sclerophyllous forests, scrubs or woodlands biome

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Threatened species of Panthera leo persica

- [[W](#)] **Threatened species of Asiatic lion**

- Search [Threatened Animals of the World \(WCMC\)](#)
- Search [Convention on International Trade in Endangered Species of Wild Fauna and Flora \(WCMC\)](#)
- Search [European Union Wildlife Trade Regulation \(WCMC\)](#)
- [[Search Web Panthera leo persica](#)]
- Search [UNEP-WCMC Resource Centre Catalogue](#)

broader problems

- [Threatened species of Panthera leo](#)

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[Visualization experiments](#): | [Tensegrity](#) | [Polyhedra1](#) | [Polyhedra2](#)

[hour experiments](#): [[contribute?](#)] or see [[rationale](#)]

Additional information may already be available in: [broader problems](#) (listed above)

Claim A major cause of tree decline is the loss and fragmentation of old-growth forests. Temperate forests in the northern hemisphere have been heavily modified for centuries and few natural forests are left there. This weakens the forest ecosystem.

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Counter-claim The department of agricultural, environmental and development economics at Ohio State University, predicts that for every 20 hectares set aside and protected in North America and Europe, one hectare of previously inaccessible forest in Asia, South America, Africa, and the former Soviet Union is lost. In short, the forests saved in Europe and America are replaced by the felling of trees elsewhere. They claim that currently many of the world's tropical forests are too expensive to harvest at today's prices, but if through conservation efforts prices are raised, it will become economically feasible to harvest trees from areas where it was previously too expensive.

A greater percentage of original forests in the United States and Australia have been destroyed at a faster rate than in Brazil and other developing nations. Thus, the western nations are not in a position to assume the moral high ground and preach to other nations about saving their forests." [\[Add comment?\]](#)

References

- [Postel, Sandra](#) Air Pollution, Acid Rain, and the Future of Forests (1984)
- [Ulrich, B and Pankrath, J](#) Effects of Accumulation of Air Pollutants in Forest Ecosystems: proceedings of a workshop held at G"ttingen, West Germany, 1982 (1983)
- [World Resources Institute](#) World Resources 1986 (1986)
- [Hutchinson, T C and Meema, K M](#) Effects of Atmospheric Pollutants on Forests, Wetlands, and Agricultural Ecosystems (1986)
- [United Nations Economic Commission for Europe](#) Impact of Air-pollution Damage to Forests for Roundwood Supply and Forest Products Markets (1987)
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- [Death of plants](#)
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- [Deforestation](#)
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[\[W\]](#) **Landscape planning**

- [\[W\]](#) **Advancing landscape architecture**
-

- **Virtual Library of landscape Architecture** <http://www.clr.toronto.edu:1080/VIRTUALLIB/larch.html>.
-

Organizations

- [European Landscape Architecture Network](#)
- [European Foundation for Landscape Architecture](#)
- [Council of Educators in Landscape Architecture](#)
- [European Landscape Architecture Students Association](#)
- [Advanced Technology Centre for Landscape and Architecture](#)

Broader strategies

- [Spatial planning](#)
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Narrower strategies

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- [Conserving landscape diversity](#)

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[\[New search\]](#) [\[With options\]](#) [\[No comments\]](#) [\[Original\]](#) [\[Add to hotlist\]](#) [\[Make comments\]](#) [\[Edit entry\]](#)**[W] Landscape disfigurement**

- [\[W\] Dependence on landscape disfigurement](#)
- [\[W\] Untended landscape areas](#)
- [\[W\] Degradation of culturally important landscapes](#)

Nature In past centuries, landscapes developed slowly. Natural forces tended to keep a balance between plants, men and other species. Even man-made landscapes -- cultural landscapes -- were varied in character and rich in species. In recent decades the balance has been upset by the use of agricultural machinery and technologies, and the growing population. Industrialized societies expand rapidly, making heavy demands on resources. Fragile geological forms and living plant and animal communities, evolved over many thousands of years, can be destroyed very quickly. Once disintegration of a landscape begins it is difficult to reverse, leading to ugliness, wastelands, and erosion of fertile land (as a result of over-grazing, unwise cropping, mining, tourist facilities construction, and ill-considered deforestation). Culturally important landscapes include natural, modified, cultivated or built environments (separately or in combination), that symbolize a particular relationship between a society and the natural world. They may range from sacred groves and other sacred sites (as in Southeast Asia) to tracts of moorland (as in Europe) and alpine landscapes. Such landscapes are vulnerable to inappropriate development projects.

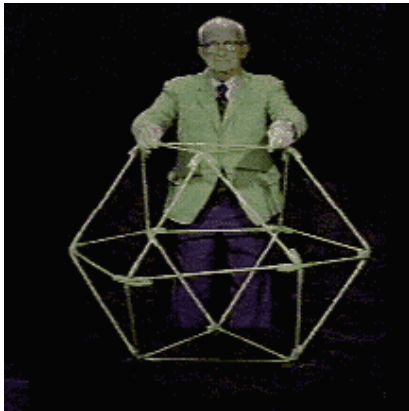
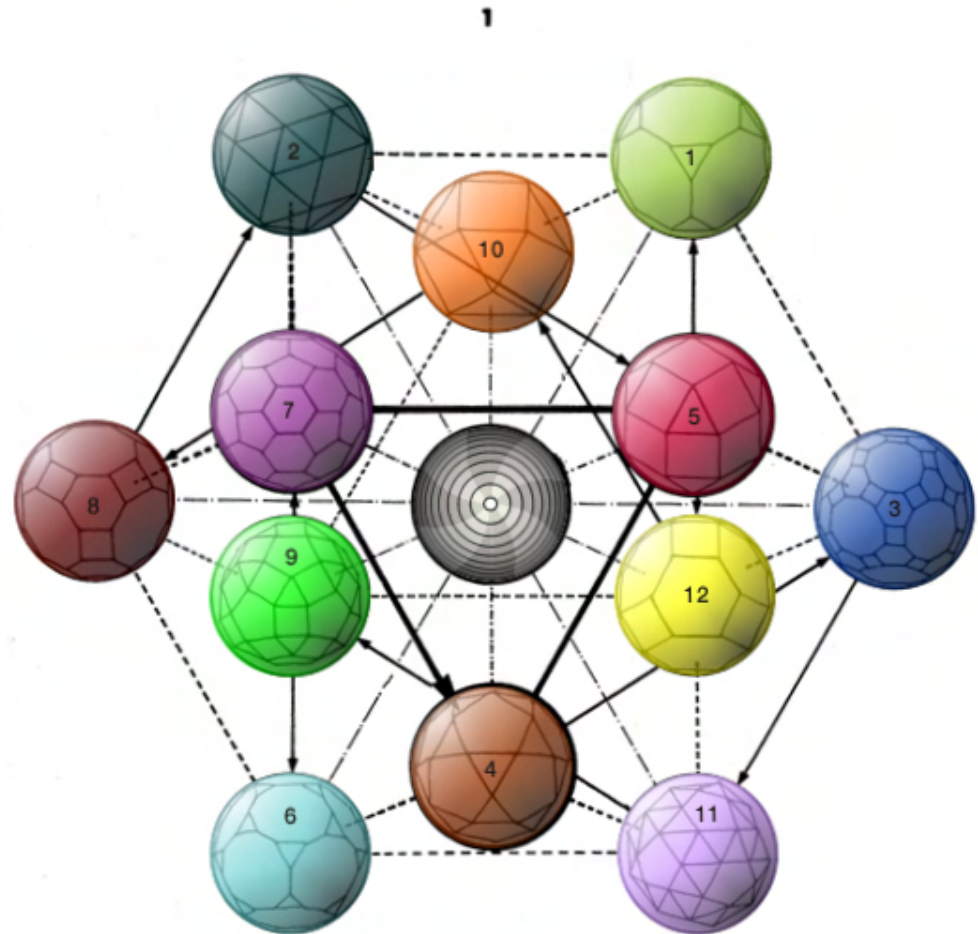
Incidence Many of the most beautiful landscapes in the UK have been seriously damaged by farming and development. Natural lowland pasture rich in wildlife has been replaced by cereal crops. More recently windfarms have been intruding on the aesthetics of both lowlands and previously untouched uplands. The degradation has been accelerated by the large number of visitors.

Broader problems

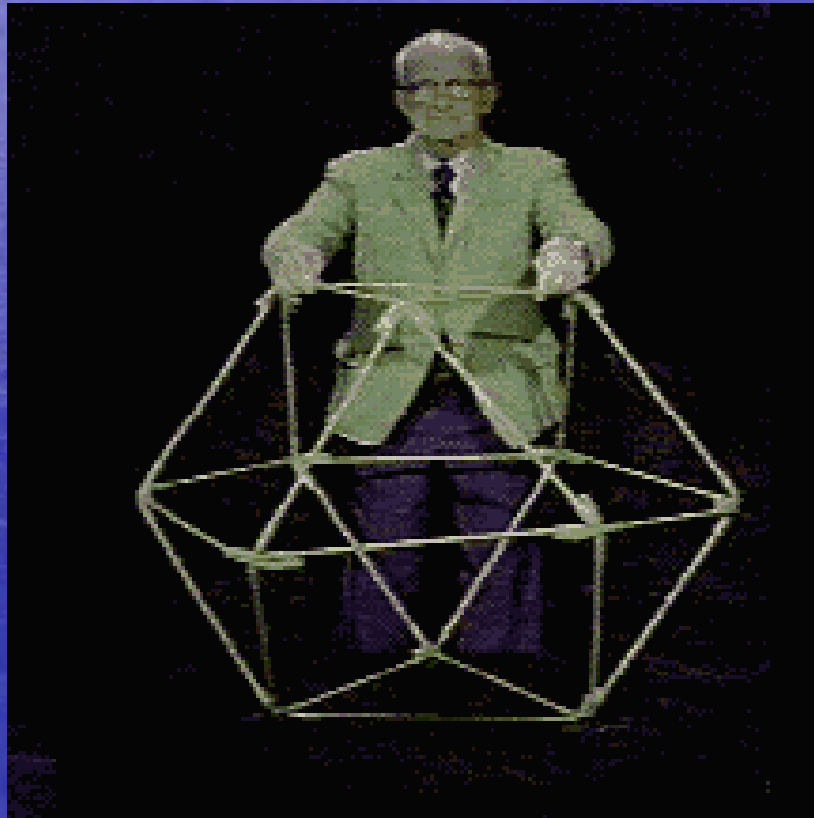
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- [Amenity destruction](#)
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- [Destruction of human heritage](#)
- [Environmental consequences of war](#)
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UIA INTEGRATED STRATEGIC OVERVIEW (Draft)

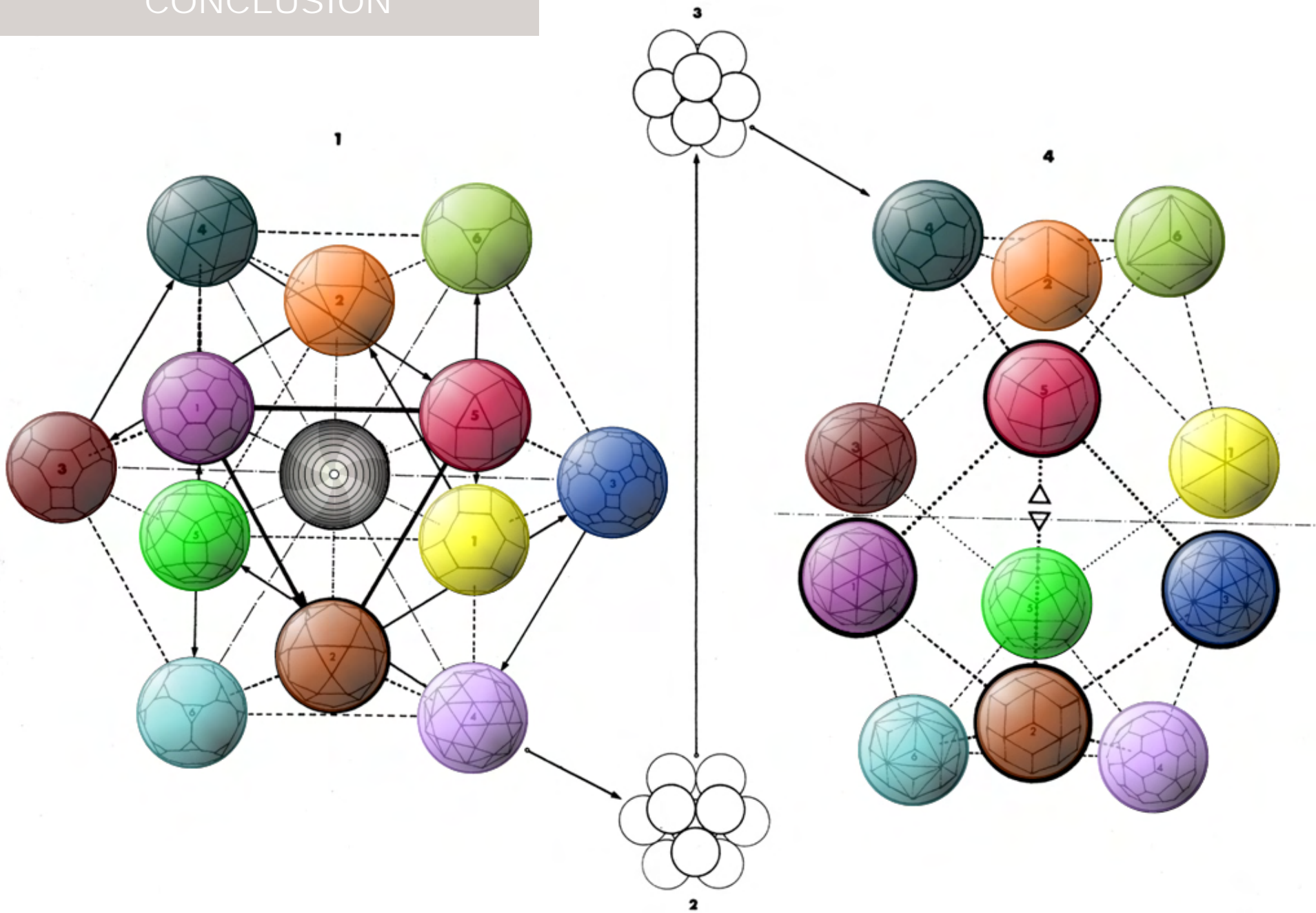
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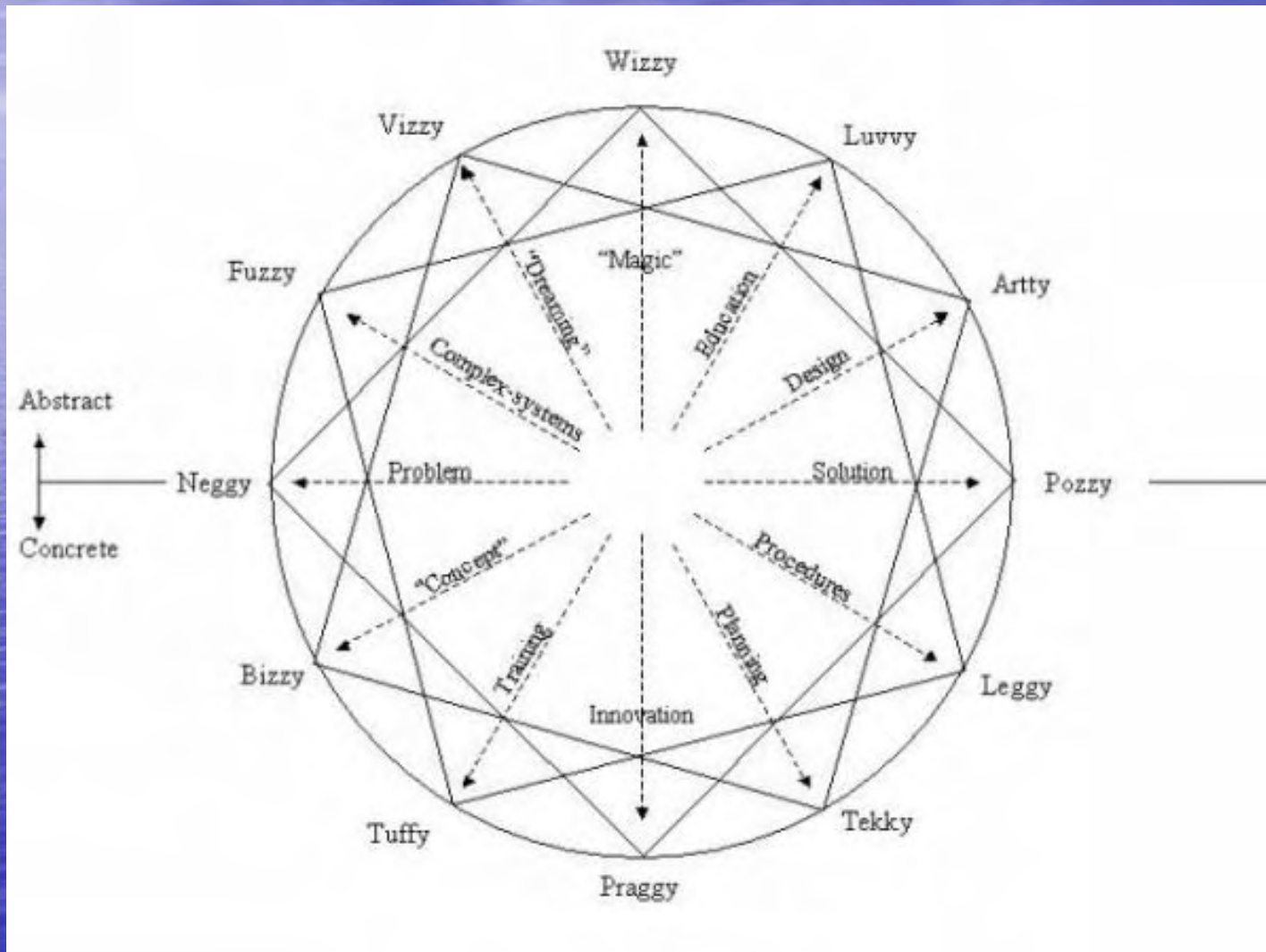
Bucky Jitterbug



CONCLUSION



12 Languages of governance



Future challenges -- for memorable policies with soul

- *Agenda 21* versus the *Mahabharata* (or *Dynasty!*)
- A singable *Declaration of Human Rights* -- to make it memorable rather than just signable
- *UN Charter* as a poem integrated by a pattern of resonant associations
- The set of UN Specialized Agencies as an integrated mythological pantheon

Challenges for UIA

- Mathematical limitations
- Provision of meaningful integrative tools
- Integrating multimedia tools into h/I editing
- Role of metaphor
- Quality intelli-work / Fruitful input

UIA Links

UIA home page

<http://www.uia.org/>

Online database access

<http://www.uia.org/data.htm>

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Email: Anthony.Judge@gmail.com

Web: <http://www.laetusinpraesens.org>