Paradigm Junction & O5OAPC

Revision D

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Blue Planet Governance

The era of global *tragedy of the commons* ends.
The new paradigm begins when Interdependent Regional Governments unite!
To form a chaordic organization called,
The **United Regions**
Where coordinated expertise in Earth Science, Human-Nature and Economics
Provide Regional Guidance to Maximize *Real* Wealth:

*Real wealth is a measurement of a robust ecology
and of the general health and happiness of the people!*

The new Story – Overview & Layout

For some readers *Paradigm Junction* is presented simply as an interesting view of our potential future – if appropriate changes to the way we govern are implemented very soon. For some, the envisioned society might read like science fiction. However, it is also a call to action for the growing numbers of individuals who accept that the BAU (Business As Usual) model of growth-driven geopolitical leads us deeper into ecological disaster. To many cognizant observers *The New Story* is about the possibility of developing a viable alternative. How or whether it will ever be implemented is less important than building the model – *now*, while we still have a functioning technological world to support vital energy flows and high speed communications systems.

It is impossible to legislate for the future. All we can do is vaguely guess its essential tendencies and clear the way for it.

Those words by anarchist Peter Kropotkin [R1] suggested that if steering of the future is to be considered it will be through a very loose-linkage approach. Perhaps the idea of, *Build it and they will come!,* as in the *Field of Dreams* story [Wiki], should be seen as a viable approach to influencing civilization's current course into the future. The need to, *build it,* was highlighted recently in a talk by George Monbiot [Wiki]. He spent considerable time on points that illustrate the insanity of today's governance: Toward the end he highlighted that, *Protest is nothing without a positive model*. The purpose of the PJP (Paradigm Junction Project) team is to create that positive model [R2]. In other words, *to build it*, and then invite them to come.

Key points raised in the *Synopsis* are these:

1: The Human-Predicament, sometimes referred to as, *The Problematique*, is the result of excess growth in human population numbers, and in resource throughput per capita – we note that this is distributed very unequally, largely as a result of monetary inequity.

2: Unless growth in human-activity is reversed very soon we will enter tipping points, and into irreversible collapse of the world's life-supporting ecology: To simply stabilize growth is not enough because gross human-activity is now far in excess of Earth's ability to replenish vital Gaian resources. Some say it is now too late for recovery: But we must not be dissuaded from preparing to implement planned solutions as opportunities arise.

3: Because of an interlocking, self-reinforcing circle of issues, the human-predicament cannot be changed from within. A few basic elements of the existing corporate/economic/political system, especially the debt-based money system, must be significantly changed in order to develop a viable system of dynamic governance capable of regulating and reducing human-activity in an acceptable fashion. However, only minor changes are needed for the majority of legal and social structures of today, especially at the local government level and for most people: However, where the proposed BDG is implemented, overall human happiness and well-being should significant improve.

4: All proposed governance changes in procedures and processes used in the envisioned world of 050APC (50 years After Paradigm Change) are based on processes and procedures that have been in use for many decades: In the PJProposal we intend to simply use them differently – no new inventions needed.

5: The next stage is to build it. To gather specialist to participate in final design, and then to document the responsibilities and procedures need for each department of the *United Regions* (UR). And then to begin a public relations blitz in a worldwide outreach.

No problem can be solved by the same consciousness that created it. We need to see the world anew.

-- Albert Einstein --

You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete.

-- Buckminster Fuller --

If the world is saved, it will be saved by people with changed minds, people with a new vision. It will not be saved by people with the old vision but new programs.

-- Daniel Quinn, *The Story of B--*

..... but also this ....

To every complex question there is a simple answer: and it is wrong...

-- H.L. Mencken --

The header of each chapter will open with the *Blue Dot Governance* (BDG) image, and with text that sketches the basic mission that the *Paradigm Junction Project* (PJP) hopes to achieve.

As with any human engineering or social project, there needs to identifiable steps leading toward the long term a goal. However, the process must remain open for changes as dictated by opportunity and the volatility of world affairs.

The first stage of PJP is for the PJ-SOS team to design the framework of an organization called the United Regions (UR). The envisioned UR would be created by the many Regional governments of the world collectively establish the *United Regions* organization. This organization will be designed to assess:

- The well-being of the whole world's ecological systems;
- The well-being of the ecological systems of each region individually;
- The status of both renewable and non-renewable resources such as minerals and energy;
- The well-being of humans such as a measure of general health and happiness;
- The well-being of

The chapters of *Paradigm Junction* second 4 of can act as template of discussions.

The difficulty of conveying full meaning across the diverse specialty areas of knowledge was stated by the renowned cosmologist Carl Sagan who wrote:

> *We live in a society absolutely dependent on science and technology and yet have cleverly arranged things so that almost no one understands science and technology. That's clearly a prescription for disaster!*

While Sagan's quote refers only to science and technology, the same applies to most specialty areas including: the creation of money; the inner world of economics; dynamic systems, or the inner elements of human-nature such as denial, apathy self-interest, short-term thinking, altruism, etc., energy issues or global warming. Perhaps the best approach for this issue is to use a form of *[Dialogic Design Science](#)* (DDS) developed by *The Institute for [21st Century Agoras](#)*.

Professor Lester Malbrath provided early inspiration for this project in his 1989 book titled: *Envisioning a Sustainable Society*. His closing paragraph

> *Our common journey promises to be challenging and exciting even though difficult. It will be much easier and more likely successful if we face it optimistically with a deep understanding of the pace and character of social transformation. Those given the gift of understanding will become the conscious mind of the biocommunity, a global mind, that will guide and hasten the transformation. Those who understand what is happening to our world are not free to shrink from this responsibility.*

Below is a list of sections of PJ in the order they are posted (or printed) along with a brief comment on their content and purpose. Since many readers will likely be quite familiar with some of the areas discussed, but not so much with others, readers are encouraged to pick and choose which section to read first, or perhaps browse for overview and move on.

The internet version of this manual is posted in pdf format which works somewhat like the html format of normal web pages. Pdf is more suitable for this document for a variety of reasons including being print-ready.

Note 1: Web addresses are case sensitive.

Section One:

1a: Index & Glossary: http://gaiapc.ca/PJ/1a-Index.pdf

Index: The index lists the chapter titles with a link to that chapter's web address in the *gaia.cs/PJ/folder name*.
Revision Control: This page maintains the chapter revision record, as needed in a living document to keep track of revision change and date. This is a Quality Assurance system requirement.
Glossary of Terms: Since this manual delves into a wide variety of subject areas there may be a few expressions that are unfamiliar to some readers. When these are used within the chapter text, further definition can be found in the Glossary as noted by the bracketed [GL]. The listing is in alphabetical order. Readers are encouraged to brows the glossary before getting into the main text.

There is a link back to the Index & Glossary at the beginning and end of each chapter.

1b: Synopsis: http://gaiapc.ca/PJ/PJ-Synopsis.pdf

There is a summary of Synopsis at the top of this chapter.

1d: The New Story: Overview and Layout: http://gaiapc.ca/PJ/1d-TheNewStory.pdf

You are here.

1e: Biography of the writer: http://gaiapc.ca/PJ/1e-BioOfWriter.pdf

Some readers may be interested in the career experiences that contributed to the development of the *Paradigm Junction Project* concept.

2a: Triad of Human Interests: http://gaiapc.ca/PJ/2a-TheTriad.pdf

The opening graphic illustrated the big picture, the energy flows that bring Gaia to life along with a thumbnail description of James Lovelock's Gaia hypothesis. The bottom left corner of the triangle deals with human nature and characteristics that sometimes cause us to act against our best interest. Bottom right deals with the tools, the abstract-realities (GL), that are human mental creations such as governments, or their founding constitutions, religions, banks, hospitals or sports teams etc. There is an explanation that we sometimes fall into the trap of being guided by these tools long after they have become obsolete – but they have become a belief system that has addictive characteristics. We collectively seem to forget these abstract-realities are just tools that we have created to perform a task. Throughout the text of PJ, these ABstract Realities are referred to as AbRealities.

2b: Dynamic Systems: http://gaiapc.ca/PJ/2b-DynamicSystems.pdf

A basic understanding of dynamic systems, sometimes called cybernetics, is essential to understand details of the processes involved in the envisioned sustainable society in *Section Four*. This section

hopes to take any mystery out of dynamics because the concepts are simple and we all use one or another form of dynamic system every day. As explained above, *Blue Dot Governance* – BDG, is a form of dynamic system.

3a: Paradigm Flaws - Money Corporations Politics (MCP): http://gaiapc.ca/PJ/3a-MCP.pdf

Each of these: Money, Corporations, Politics, are Abstract Realities (AbRealities). In today's world they are in such dire need of a major change in guiding principles that they have become toxic as today's primary tools driving toward infinite growth in human-activity. Money is also a key regulator of many personal decisions. This is a significant component of the human-predicament. This brief chapter gives a few insights into why this has happened and the reasons many wise people have tried to change the monetary system and failed. For those who find the data hard to believe, the *MCP Appendix* provides greater depth.

3b: Paradigm Flaws - Other - : http://gaiapc.ca/PJ/3b-ParadigmFlaws.pdf

While MCP had its own short section, here we list here a few other categories of destabilizing issues that we have grown so familiar with that they go unnoticed, they have become normalized.   Some of these are common phenomena that historically have developed as a prelude to economic bubble & burst. A huge and growing rich/poor gap is one example.

4a: Envisioning A – Those Who Envision: http://gaiapc.ca/PJ/4a-ThoseWhoEnvisioningA.pdf

This is an introduction to the tool of envisioning, giving examples of people and organizations who use this technique to portray a possible future. In the case of an idea for a revolutionary new type of aircraft, the designer would sketch an image of what it might look like. In the case of a relatively revolutionary change to our social/economic/political structure, the backcast is used to present the envisioned conditions. In this case it is the system that might exist 50 years *After Paradigm Change*, or the acronym, 050APC. From this image, the design team begins the detailed component design.

4b: Envisioning B – Society of 050APC: http://gaiapc.ca/PJ/4b-DynamicSociety050-APC.pdf

Here we give some details of the social and political scene 50 years after paradigm change. The chapter starts out with a generic list of goals for all of humanity, for individuals, and the reasons for the essential levels of government that individuals chose in order to administer their essential sociopolitical world. The structures provide equitable and systemically viable regulation to control human-activity. Fig. 5 gives a visual view of hierarchy of governance levels needed to operate this viable global community. The basic community level suggested in BDG focuses on localization (highly autonomous regional governments). The suggested governing infrastructure is designed to make each region of the world totally responsible for the well-being of its own ecology, industry, wealth, and to dynamically groom its human population and per capita resource throughput accordingly. Each region will be in cooperative competition with all other regions of the world, in a chaordic relationship. As pointed out by psychologist Jonathan Haidt, [Wiki] "*The most powerful force ever known on this planet is human cooperation— a force for construction or destruction*". Fig. 5 is followed by rather brief overview explanatory dialogue with greater detail provided in the following chapters.

4c: Envisioning C – UN Wheelhouse: http://gaiapc.ca/PJ/4c-UR-Wheelhouse.pdf

This chapter opens with Fig. 6 showing future regulatory control from the divisions within the United Regions as a vastly changed United Nation. Delegates from regions of the world select those who create the regulatory controls of the UR. This chapter illustrates how these various UR departments exchange data from the Regions for regulatory controls designed to ensure that human-activity is guided toward the optimum rate of needed change, under existing circumstances. The chapter continues with details on how it all works – including the *Bank Of Gaia.* This bank issues Gaia$ and regulates the world's money, money flows, and its level in circulation. Flows and quantity of Gaia$ are the key tools that regulate human activity. This controlled and transparent monetary system also prevents corruption, inflation, and other such destabilizing warts as we see today. The level of commerce and trade are regulated by economics. Economics 050APC is based on real science as opposed to its current pseudo name, *the dismal science*.

4d: Envisioning D – Looking back at the junction: http://gaiapc.ca/PJ/4d-TheViewFrom050APC.pdf

Here the backcast discusses events that had happened shortly before and after paradigm change. The creation of $Gaia (Gaia dollars) is discussed, also the emergence of integration of the new system as it begins to supplant the fragmenting chaos of the old. Since these processes will begin while human activity is far in excess of a sustainable level, an *inherited debt* (a temporary loan against the next generation's well-being) is incurred. It is needed to ensure the system has enough $Gaia for system commerce to function during the transition toward human carrying capacity (CC) [GL] at some point in the future. Like a mortgage, the system goal is reached when the mortgage is paid off.

After operating the regulatory systems in manual mode at the beginning, eventually the dynamic engine begins to automatically determine optimum regulatory control for each region based on feedback information from reports on *The State of Gaia* and *The State of Human well-being*, including happiness.

4e: Envisioning E – Dynamic flows: http://gaiapc.ca/PJ/4e-DynamicFlows.pdf

This is a fairly technical discussion, going into details about the *wealth factors* that determine the overall wealth of each Region of the world (at least those Regions that chose to participate in BPG). In PJ, wealth is as described by Riane Eisler in *The Real Wealth of Nations*:

  Real wealth is a measurement of a robust ecology
  and the general health and happiness of the people.

A package of wealth factors form the basis of the commodity-based monetary system. With this system, the well-being of Gaia (the state of the world), of humans, and our needed infrastructure. including corporations and energy flows. Since goods, services and infrastructure all require energy, money can simply be described as access to energy.

No longer will money be created from nothing, and yet be still able to give access to our depleting natural system: This transparent and limited monetary system will correct many other warts in today's fiat money system, such as political corruption.

The concept of *per capita dynamics* is explained in conjunction with *wealth factors*, providing incentives to Regions to groom their populations to match their Regions' total wealth. Individual and local self-interest becomes a key incentive and feedback ingredient.

5a: Are we ready to enact?: http://gaiapc.ca/PJ/5a-AreWeReadyToEnact.pdf

After a speech by Winston Churchill, this brief ending makes an appeal for individuals and organizations to support the concept of BDG and for a few individuals to begin to collectively improve this overall manual and to select others to begin the work of documenting the needed details of governance within the new paradigm. Each department of the UR will need a basic operations document to start with. And we will see how the future unfolds.

5b: Chapter & Verse: http://gaiapc.ca/PJ/5b-ChapterAndVerse.pdf

Here are a few quotes and poems gathered over the years. When between sections or while ruminating on this presentation it might be useful to browse some of these wise words.

6a: Appendix – Long Journey into today: http://gaiapc.ca/PJ/6a-Appendix-OurJouneyIntoToday.pdf

This is a short essay that gathers the central message from writers who have provided glimpses of the nature of past cultures, long before CE (Common Era). It then moves into past millennia and how the *dominator culture* emerged, leading to today's conflict between culture, economics and against Gaia, the source of life.

6b: Appendix – MCP Long: http://gaiapc.ca/PJ/6b-Appendix-MCP.pdf

This appendix is a supplement to chapter 3a, on *Money Corporations Politics.*

6c: Graphic of human/Gaia Interactions: http://gaiapc.ca/PJ/6c-GraphicBeforeAfter.pdf

Two block diagrams show the primary elements of humans and our interactions with the Gaian systems. Fig. 3 shows the lines of dynamic control now that leave us in a *runaway mode* (e.g. when feedback and or regulation break-down). Fig. 4 shows the same blocks but after paradigm change when the lines of regulatory control will now guide human activity toward a viable goal.

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R1 *The Anarchist*, Irving Louis Herewitz,1964

R2 *This is the transcript of George Monbiot's SPERI Annual Lecture, hosted by the Sheffield Political Economy Research Institute at the University of Sheffield.*
"Ladies and gentlemen, we are witnessing the death of both the theory and the practice of

neoliberal capitalism. This is the doctrine which holds that the market can resolve almost all social, economic and political problems. It holds that people are best served, and their prosperity is best advanced, by the minimum of intervention and spending by the state. It contends that we can maximise the general social interest through the pursuit of self-interest.
   Snip to the end:
"So you say to me, "Well what do we do instead? You produce these arguments against trying to save nature by pricing it, by financialisation, by monetisation. What do you do instead?"

Well, ladies and gentlemen, it is no mystery. It is the same answer that it has always been. The same answer that it always will be. The one thing we just cannot be bothered to get off our bottoms to do, which is the only thing that works. Mobilisation.

It is the only thing that has worked, the only thing that can work. Everything else is a fudge and a substitute and an excuse for not doing that thing that works. And that applies to attempts to monetise and financialise nature as much as it does to all the other issues we are failing to tackle. Thank you.
…. Full text at http://www.theguardian.com/environment/georgemonbiot/2014/jul/24/price-nature-neoliberal-capital-road-ruin

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