

THE EMOTIONAL AND RELATIONAL FOUNDATIONS OF HUMAN ADVANCEMENT: INTRODUCTION AND FAQ

(Version α1.00)

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Scientific Relationism™ Series

Summary: The bookset “The Emotional and Relational Foundations of Human Advancement” is introduced. Each volume and the importance of the book are introduced. The relevance of this book to global problems is introduced. Question regarding the data, method, and research background is discussed.

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1 Series Introduction: The Emotional and Relational Foundations of Human Advancement

1.1 Abstract of the bookset

Our emotions are deeply interconnected with all our activities, including our thoughts. Even the activities that we think are nothing got to do with emotions, are influenced by it. The environment at each instant is influencing us and shaping how we feel whether we are aware or not. It is important to understand how our emotions are influencing our life and how our emotions are influenced by the environment to maintain productivity, improve relations between people and nations, and avoid crises situations. This bookset gives extensive interaction between how emotions shape our thoughts, cultural activity, relations with others, and how emotions are shaped by these. The combined effect of these two ultimately decides our success as a group, which in terms shapes the relations and emotions of people. The ideas are discussed at both the individual level in the first volume, and group levels such as a state, nation, or the world in the second volume. The ideas give a full comprehensive role of emotions throughout human evolution. In the third volume, we apply the ideas learned from the second volume for emotional and relational management at individual or group levels such as organization, state, or nation to improve productivity and avoid crises.

1.2 Why is this bookset important for everyone?

About 300 years ago, Isaac Newton published a book called 'Principia Mathematica' which laid the foundations for physical sciences, gave power over nature around us, and started on a path of the sequence of scientific and technological advancements that shape our lives today. Unfortunately for social sciences, we did not have similar foundations that help understand relationship phenomena, so the world has been suffering from political conflicts, economic instabilities, and poverty because of a lack of understanding of human behavior and relationships. This imbalance is driving the current problems in the world such as global warming, economic inequality, inflation, pandemic, issues. The continuous trend of these issues will cause an existential crisis for the future of the human race.

As the world advances, we will have civilians who are untrained emotionally and relationally from the beginning of civilizations will mix with very advanced technology, with potentially catastrophic consequences. The three-volume book set 'The Emotional and Relational Foundations of Human Advancement' is intended to promote relational advancement to balance the rapid technological advancement, and prevent destructive use of technology, and promote constructive growth. The foundations in the book are meant to be used for scientific management of interpersonal, national, international issues, prevention of future crises, economic management, and transformation. It will help redesign the education system so that it creates a balance of both technical and relationship skills.

For more up-to-date information regarding the threat of the imbalance in the advancement of technology and relationships, please read the author's paper "Analysis of global crises, catastrophic long-term trend, and prevention", available online at scientificrelationism.com, or researchgate.net, or academia.edu.

The concepts in the three-volume bookset give you systematic foundations that will help you understand phenomena in all fields that involve human behavior, such as management, psychology,

sociology, economics, relationships, family, history, politics, etc. This book is a must-read for all professionals and needs to be mastered as fast as possible.

1.3 What does this bookset contain?

The bookset gives a systematic description of the interconnection between emotions, relational phenomena, and the advancement of human life from the individual to nations to the whole human race. It gives detailed insight into how emotions and relations influence politics, economics, people diversity, history, science, cultural differences, etc. It also explains how all these influence each other.

The author introduces the concept called the RQ-TQ imbalance problem (RQ- Relational Intelligence, TQ Technical Intelligence), which refers to an imbalance in the two intelligences. The world's problems are purely solved by technological innovations, even if the root cause is relational in origin. The book gives systemic emotional and relational foundations to achieve a balanced intelligence necessary to solve the problems caused by global relational factors such as politics, educational, cultural, and economic factors.

The first volume of the bookset explains the origin of people's personality diversity and how a person's progress in life is interconnected to their emotional and relational makeup. The second volume describes the origin of cultural and political diversity of states and countries of the world. It interconnects how national economic advancement is related to political and social-cultural aspects. Finally, the third volume proposes a philosophy of scientific relationism to maximize a person, national or global peace and prosperity. These ideas help in managing their emotional and relational processes to achieve personal, national, or global peace and prosperity.

1.4 Who is this book is written for and how to use it?

This is the research edition of the book. Everybody can read this book, learn the ideas, and benefit from it. First and foremost, this book is aimed at those in economic planning, management, education, social science researchers, those who work in international and national organizations. This is necessary for planning and managing institutes, organizations, national planning, economic planning, understanding international issues. For those who are in research and academia, this book is very important to include relational education in training to balance the technical training.

The current educational system throughout the world is making the world dispositionally unbalanced promoting defensive emotions over connective emotions, and damaging family, community, national relational, economic advancement, etc. Lack of training in managing relational complexity has made the world crises prone. Those who work in educational planning need to use the ideas to replan the education to make it relational-based rather than technical skills and competition-based, to achieve a dispositionally balanced educational system. Necessary changes need to be made to make education both relational and technical intelligence balanced.

2 Volume 1: The Individual - The Human Mind, Relationships, and Personal Success

2.1 What problems does this volume want to solve?

Every day in our life we go through interaction with others which deeply affects our emotional well-being. It all depends on how well interaction goes with others. Understanding another human being is a great mystery, and which puts our life at mercy of luck day to day to navigate our life. Depending on success or failure in navigating our relationship life we may end up happy or miserable or even suicidal sometimes. Inability to understand another person may result in the breakdown of family or business hurting us deeply. Nowadays, with governments having extensive military power, understanding the behavior of the leaders has become important. A wrong leader can potentially wreak havoc on the world.

We suffer through experiences that create deep wounds in us because of being cheated, assaulted, abused, or mistreated. Gathering such experiences creates sadness and depression, and rancorous memories throughout our life. This is what happens when we don't understand the heart and mind of ours and others, and interact with little knowledge of the relational complexity, resulting in us spending the rest of our lives afraid of people.

A thorough understanding of people is necessary to fix all the above problems discussed. The first volume of the book is written for this purpose.

How could some people become so rich, but must remain at the bottom of the income pie, with a significant percentage of people living day to day on a meager income? The first volume explains the reason for this and tells how others can improve their personal success.

2.2 What this volume contains?

The first volume of the book gives explicit personality differences that differentiate us from others, about how we think, how we feel, and interact with others. The idea is described in detail in a systematic, structured, and logically consistent presentation.

In the first volume, I give a systematic description of a detailed model of the human mind and relationships. First, we discuss the structure of the human brain, critical loopholes in the brain, which influence and create problems in relationships by disrupting the good relationship between people and the consequences to humanity. Then I introduce a model organization of the human mind based on neuroscience. In this, we discuss and classify various instincts, emotions, and thoughts that drive human behaviors into multiple types. Next, we analyze the phenomena of relationship interactions. We extensively discuss different concepts related to human behaviors.

We discuss how the behaviors of people and their talents are shaped from infancy to adulthood due to the environment. We discuss emotional differences in people and how they influence human behavior. In this part, we only focus on individuals and interactions between them. We also discuss how our talents and success in life are deeply related to the social environment around us. Using a multi-layer Model of mind, we discuss differences we account for cultural, ideological, and gender differences. We propose non-genetic mechanisms for the development of people diversity. We discuss

the relationship phenomena during the interaction between different types of people. I discuss how our professions, and environment shapes our thought pattern. I discuss how emotions, thoughts, and our talents are interconnected and discuss how they are related to personal success.

3 Volume II: The Human Evolution – The Relational and Economic Evolution of Nations and Groups

3.1 What problems this does volume want to solve?

When we look at history, we see great suffering and war that define the different epochs. Cultural differences often lead to internal conflicts. We often see humanity experiencing very horrible things such as holocaust, oppression, war, genocide, poverty, and extremism. Humanity carries so much scar and pain throughout history. The purpose of this second volume is to go deep into human evolutionary phenomena, to understand the roots of cultural, political, and economic differences that keep creating good and bad moments in history, and so that we can avoid prevent future occurrence of all these, and promote sustainable and peaceful human advancement. Some countries reached income growth so fast, others so lagging along, why. Which is the preferred political system, socialism, capitalism, or communism? This volume of the bookset will help address these issues.

3.2 What does this volume contain?

In this volume, we use the ideas from the first volume to deeply understand the cultural, economic, and political evolution of humanity after its emergence in Africa. We discuss how people (Homo sapiens), after emerging from Africa, migrated and peopled the different parts of the world. We discuss the cultural, economic, and political history (including prehistoric, ancient, middle ages, and modern age) after the peopling and the lessons learned from them. We explain how the migration of people is related to the cultural, political, and economic differences between the people of different parts of the world. We discuss how economic evolution is intimately connected to political and cultural evolution. We discuss the issues of education, research, and creativity in different parts of the world, which are intimately connected to social and economic processes. We discuss gender differences, their origin, how it influences men and women. Throughout this volume, we discuss the effect of the RQ-TQ (Relational Intelligence – Technical Intelligence) imbalance problem on humanity. In the last chapter, we summarize the ideas from this volume as the theory of human evolution and give a full picture of how human beings starting from hunter-gatherers evolved to create the human world with cultural, political, and economic differences We discuss how this evolution is interconnected to emotions during each stage of evolution.

The ideas in this volume give deep insights into economic, political, and cultural phenomena that are necessary for designing economic policies by governments and nations for national economic planning.

4 Volume III: Scientific Relationism - The relational principles for a fit Society

4.1 Why is this volume important?

We have so many relational issues bothering us throughout all levels of human organization: individual, family, state, nation, etc. Interpersonal conflicts, international conflicts, global crises, the potential for major conflicts between nations are continuously bothering us. In the first two volumes, I discussed the models to understand the human mind, emotions, nations, state, world. We will be using the models to develop a framework to explain emotional and relationship management solutions.

4.2 What is contained in this volume?

First, we summarize the major lessons from the last two volumes. Then based on this, in this volume, we discuss the philosophy of scientific relationism. It is a framework of self and relationship principles designed based on the first two volumes to help solve relationship and economic problems, maximize society's performance, such as material, psychological quality of life, and long-term survivability of human life. I introduce the concept of Harmonic relationship structures and set a new philosophy in which building healthy relationship structures is the ultimate goal of human life to ensure economic success, prosperity, and long-term sustainability of human civilization.

We discuss scientific relationship principles for interpersonal relationships, organizations, community-individual relationships, family relationships, economic management of states and nations, etc. The purpose of these principles is to create a healthy relational environment that helps in personal growth, stabilizing family, managing economic activity, etc. We discuss problems in government, business and academia, and how to make progress in them. Finally, we list and briefly discuss the current critical issues in the world and the ultimate goals for humanity to achieve to advance and sustain itself.

5 Introduction to the author: Suresh K Maran

Suresh K Maran is a researcher and entrepreneur who focuses on the foundations of both physical and human sciences. He has academic and experience in engineering, a Ph.D. in physics, and published papers in advanced physics, and is the author of the book the emotional and relational foundations of human advancement. He is the director and founder of the UNITESERVE organization, where the ideas in his book will be put to use for managing and transforming the global economic system, and creating economic stability, solving the most critical problems of the world, and advancing and sustaining human civilization.

In social sciences, he works on understanding humanity, such as the human mind, relationships, social phenomena, politics, etc. The purpose of this research is to understand and promote economic advancement. After about thirty years of work, 45 years of human experience, and fifteen years of research, he has compiled and developed the conceptual foundations necessary to understand,

advance, and sustain human life. This has been written in a three-volume book set titled "The Emotional and Relational Foundations of Human Advancement".

The research in the book is applied for economic transformation and management projects. The relationism project is part of transforming humanity, to create a relationally advanced human race, which has maximum long-term survivability. This has been integrated as part of the relationism project, and career development program in the UNITESERVE project.

In physics, he works on unifying Quantum Theory and General Relativity the two successful fundamental theories that explain nature. He is pursuing a quantum gravity framework project in the step-by-step process of unifying these two theories.

6 Why did not I join a university?

After I finished my Ph.D. in physics in the field of quantum gravity, I went home to decide what to do next? That is when I decided to start writing my book. After one year I started making quite of progress. I realized many things that prompted me not to join a university if I want to tackle problems that are very fundamental to any field.

1)Time pressures

Being in a university I have time pressure to finish projects when funded by govt or private sources. The time pressures alter your thought pattern. Instead of looking for the best-fit idea because of logical and factual reasoning, instead I will be forced to find the best fit idea satisfy the artificial constraints set by time pressure, so that something can be published soon.

2)Bias

When surrounded by people of similar thinking it influences people to mind get biased towards the prevailing ideas in the environment.

3) Plagiarism

Sharing fresh new ideas with fellow researchers resulted in plagiarism. I have lost my first thesis idea during my Ph.D to a renowned scientist.

4)Liberal bias

The world's leading universities are in cities, which have a certain political bias, often liberal. Particularly in Universities, the political bias is left-leaning. So being there will not give a neutral opinion.

5)Flexibility

I have altered the focus of research every three years. Every time stopping old research and going back gives fresh new perspectives. I was researching multiple things over a long time, which were cross-fertilizing with each other

7 How was this book was written, and its relations to global problems?

The Emotional and Relational foundations of human advancement were written over a course of fifteen years. The motivation for me came from a history of life experiences. For example, learned advanced physics quite early enough. So, I have developed an extensive understanding of the universe and the physical nature of the world quite enough, very young. I was always proud of this. But the problem is in dealing with people. Understanding people's reasoning on various issues, their reactions, and their behavior has been baffling.

Most importantly during my Ph. D, many of the events like the September 11 Terrorist attack have been bothering me. No scientific explanation was given. Given that I am working on the foundations of physics, this is where everything starts. So, the concern was whether my advancing humanity is going to ultimately help or harm humanity? Relationship issues are showing everywhere, either economic downtrend, the toxic political environment where politicians treat each other as enemies, nuclear weapons that is of constant threat, etc.

After that, I have decided to zero in on relationships problems when I discovered clues to understand how people's personalities are shaped. This happened in the year 2006 when I visited my hometown in India. I have about four generations of my family living all close by. I started discovering the pattern of behavioral influence throughout four generations. I started detecting the same behavioral pattern in other families, and pretty much everyone who's the background I know from all over the world.

This is when I decided to change my career and zero in on understanding people. I started writing my book as a self-help book, which slowly evolved into a full theoretical deep textbook.

Let me explain where I received the data from the book. The information is real-life information encountered over normal life experiences. Almost every person (thousands?) I encountered in my life has become a data point in this book. When it comes to people, data is freely available. Their background and interactions encountered have been processed into models. Just talking to people can gather all this information.

While I was living in my hometown, which is a low-tech town, it helped me understand the emotional behavior of people.

Now my background in engineering and advanced mathematical physics, made me read a wide variety of research literature, that has an extensive amount of thought patterns related to the mindset of professionals all over the world.

While I was in the US, I was interacting with people professionally from all over the world and interacting.

Interacting with women both in US and Bangalore in Clubs and bars, gave information on emotional behavioral diversity relating to women from all over the world.

While I was in the US, I was interacting with many scientists from all over Europe, while I was in Bangalore, I was interacting with business professionals all over the world.

In scientific research, we have to set up expensive experiments to collect data. But to understand people we don't need it, because all the data is available as life experience with all kinds of people. The challenge is converting this data into models. The clue for this came from recent research progress. Some of the important clues came from:

- 1) Joseph Ledoux's research on the amygdala.
- 2) Emotions and their influence.
- 3) Daniel Goleman's work on emotional intelligence.
- 4) FMRI research on neural correlates of emotions.

How did I develop the models in the book? Most of the models in the book were created after some traumatic experience. When everything goes fine there is no need to contemplate people's behavior. But if there is a traumatic experience, then I start processing all the information, I have about the incident, and similar incidents all over my life. This process of thinking is very unpleasant, it recollects lots of traumatic experiences. The number of new models in the book relates to the number of traumas I have undergone.

Somewhere in 2008, I developed the defend-connect-performance emotional model in understanding human behavior. I also started observing that our emotions are shaped by our childhood history. The most important observation was that our primary emotional sensitivity circuit was deeply influenced by the sibling environment. All this information went into the first volume.

I started using ideas from the behavioral model to understand history. I simply can combine the ideas from the first volume and migration history on politics and economics to understand global economic history.

The self-help information which I wrote became the third volume, which was written using the ideas from the first and second volume, which became scientific relationism.

By 2010 most of the ideas in the book has been written. But many gaps were fulfilled over the course of the next ten years.

Currently, I am racing against time. Very soon people who are relationally untrained all the way from the beginning of civilization are going to mix with highly advanced technologies that are going to have an existential consequence to humanity. There is an urgent need to change the way are educated to balance RQ and TQ. That is the purpose of the book.

I am creating an international organization to apply the ideas in the book to advance, protect and sustain human civilization. This is called the UNITESERVE project. Please read the following information.

Various important points from this book:

1) Our mind has its own dynamics. While we do things based on what we feel and think, these feelings are determined by our mind, unconsciously. Awareness of this is important for personal success.

2) The World is undergoing cycles of dispositional variations throughout history at all levels of human mind and society through out the world. The superposition of these cycles can create a

balanced disposition creating a favorable condition for social and economic activity. If these cycles create an unbalanced disposition, it is creating various problems such as global crises. Professionals who are involved in national and global issues need to learn to manage these.

3)The world is in the defensive phase. This means human activity is dominated by defensive drives and relationships are made by defensive connection, an unstable form of relationships. This relates to bubble-like growth and conditions that form sudden disruption of relationships.

Fixing these is important for solving world problems.

The book is available as an eBook from major publishers.

The official website is www.scientificrelationism.com

8 Why is this book and UNITESERVE project is important for the survival of the human race?

The book “The Emotional and relational foundations of Human Advancement” is written to tackle the most important problems. While the world is advancing quite fast, but the advancement is quite unbalanced. Technology is advancing fast but our relational advancement is quite slow. The important reason is the lack of proper understanding of human behavior, which is the main culprit of the current global problems. For information please read reference [7].

People's behavior is no longer a personal matter. Because what we do have serious consequence to everybody. The higher people are in the hierarchy of government, organization, or an institute more important it becomes. Stock markets, economic activity, career choices are driven by our emotions and our relational activity. Unless we get a deeper understanding of how our own emotions shape these, we will not be able to properly maintain these activities to be productive.

Our choice of leaders, the interaction between leaders and people are all influenced by emotions. So, it is very important for understanding relational and emotional behavior.

So much history has happened with war, genocide, poverty, fascism, oppression, and economic collapse has happened in the future. The only way to prevent the repetition of this is to get a deeper understanding of all these historical phenomena.

The book “The Emotional and relationship foundation of Human Advancement” is written to help understand the role of human emotions in human history and help understand how these emotions are shaped by the relational environment. It tells how emotions shape: economic differences, political conflicts, cultural differences, work culture, personal growth, educational politics, interpersonal conflicts.

The faster we introduce emotional literacy and use the knowledge of influence of emotions in our behavior in economic, educational, and national planning, the better it is. Otherwise, humanity may face having a long-term global catastrophe.

9 What is the RQ-TQ imbalance problem and why it is the greatest challenge facing humanity?

RQ means relational intelligence. TQ means technical intelligence. I introduced the RQ-TQ imbalance problem five years ago through two YouTube video posts and public posting of the introduction to the book[7]. But it has not yet created enough attention, and it is time that the world addresses this issue.

Low RQ doesn't mean people are bad and immoral. It means the lack of knowledge and skills because of lack of knowledge, education, and/or training. This is like technical skills, which are acquired by education and training. The educational system throughout the world is ignoring training in RQ. Relationships are considered a personal matter. This results in people engaging in untrained relational activities particularly in professions that deep impact on the world such as in STEM (science, technology, engineering, and mathematics) fields, economic, or financing. Leading to complications at levels individual to global issues. Usually, problems in economic activities are often blamed on technological problems or some people such as political leaders.

Balance of RQ and TQ is required for all economic activities. We are not only dealing with computers, gadgets, and skills but continuously with people. Some people naturally have a balance of these, and they are quite successful in life.

RQ and TQ imbalance can be blamed for many of the problems in the world, war, violence, and poverty, etc. For more information, please refer to [2].

Inequality is largely an RQ issue. Some people are naturally lucky to be relationally intelligent. These help in entrepreneurship, and they become very rich. Most others remain poor. In other words, inequality in RQ is related to inequality in income.

Recently advancement of technology is leading to disruptions of relationships the economic growth was driven largely by defensive emotions leading to major global issues and putting a risk to civilization. For more information, please refer to [1].

The solution to solving the RQ-TQ imbalance required is created in the book by the author: The Emotions and relationships foundations of human advancement[2].

A major organization is proposed to solve this issue. For more information, please refer to [3]

References

- 1) Author Site: www.sureshmaran.com. The site has author information and a blog. The author uses www.linkedin.com/in/sureshmaran as the primary communication site. The author is available on Twitter, and Facebook, at handle @sureshmaran

Files related to all research work from the author can be downloaded from the following sites:

publications.uniteserve.com (in not, look in the following.)

www.researchgate.net/profile/Suresh_Maran

independent.academia.edu/sureshmaran

For company documents please look at reference [5] below.

- 2) Emotional and Relational Foundations of Human Advancement by the Suresh K Maran

A. Volume I: The Individual – The human mind, relationships, and personal success.

B. Volume II: The human evolution – The relational and economic evolution of nations and groups.

C. Volume III: Scientific Relationism – The Relational Principles for a fit society.

The official Website is www.scientificrelationism.com

The book is available on Amazon Kindle, and other online eBook platforms. Please visit scientificrelationism.com/shop for more information.

The introduction to the bookset is available as pdf: The Emotional and Relational Foundations of Human Advancement: Introduction AND FAQ, available of download in researchgate.net, academia.edu, and archive.org.

- 3) Research work by Author:

A. Analysis of global crisis, Highly Adverse Long-Term Trend, and Prevention by Suresh K Maran, It is available from Researchgate.net, Academia.Edu and Archive.org

B. Grand Unification of Human Knowledge. Please download the paper here: Download from Research Gate, or Academia.edu

C. Organization and Management of Human Knowledge. Please download the papers from: Research gate, or Academia.edu

- 4) The UNITESERVE project

The official Website is www.uniteserve.com

LinkedIn <https://www.linkedin.com/in/uniteserve>

Instagram, Twitter, and Facebook: @uniteserve

linkedin.com/company/uniteserve

Company files can be downloaded at the following links:

- A. www.uniteserve.com/documents, which will have up-to-date info and briefing. The documents will be also available in the list next.
 - B. publications.uniteserve.com
 - C. <https://archive.org/details/@uniteserve>
 - D. [linkedin.com/company/uniteserve](https://www.linkedin.com/company/uniteserve)
 - E. [linkedin.com/in/sureshmaran](https://www.linkedin.com/in/sureshmaran)
- 5) A list of company documents is given below. They can be downloaded from webpages list in reference 4.
- A. The UNITESERVE Proposal
 - B. The UNITESERVE Manual
 - C. The UNITESERVE Constitution
 - D. The UNITESERVE Organization Plan
 - E. The UNITESERVE Feedback System
- 6) YouTube videos: [UNITESERVE YouTube channel](#)
- A. Author Experience: [Founder Introduction Series](#) YouTube Playlist.
 - B. UNITESERVE feedback system: [How to manage.](#)
 - C. UNITESERVE platform: [YouTube Playlist.](#)
 - D. Book Introduction: [Scientific Relationism Playlist.](#)
- 7) RQ-TQ imbalance problem
- A. RQ-TQ Imbalance problem by Suresh K Maran. This is an excerpt from the introduction in the bookset [1]. Available in [researchgate.net](https://www.researchgate.net), [academia.edu](https://www.academia.edu), and [archive.org](https://www.archive.org).
 - B.
 - C. RQ-TQ Imbalanced Evolution: Greatest Challenge Facing humanity? <https://youtu.be/HAX51nXbqBI>.
 - D. RQ-TQ Imbalanced Evolution 2: Physical vs social sciences https://youtu.be/_6ihUzcQhFY.
 - E. [Amygdala, Defensive Emotions and Global Problems: https://www.scientificrelationism.com/content/amygdala-defensive-emotions-and-global-problems](https://www.scientificrelationism.com/content/amygdala-defensive-emotions-and-global-problems) (link to YouTube videos and references).
- 8) Foundation research work from scientists and scholars
- A. LeDoux, J.E., [The Emotional Brain](#).
 - B. Daniel Goleman, The Emotional Intelligence.
 - C. Descartes Error, by Antonio Damasio.

9) Papers on Collapse of Civilizations

- A. Herrington, G. Update to limits to growth: Comparing the world3 model with empirical data. *J Ind Ecol.* 2021; 25: 614– 626. <https://doi.org/10.1111/jiec.13084>
- B. Society is right on track for a global collapse, new study of infamous 1970s report finds: <https://www.livescience.com/collapse-human-society-limits-to-growth.html>
- C. Physicists: 90% Chance of Human Society Collapsing Within Decades <https://www.ecowatch.com/human-society-collapse-deforestation-2646869167.html#toggle-gdpr>; Original article Bologna, M., Aquino, G. Deforestation and world population sustainability: a quantitative analysis. *Sci Rep* **10**, 7631 (2020). <https://doi.org/10.1038/s41598-020-63657-6>
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- E. The next recession: Here's when the 'everything bubble' will burst: <https://fortune.com/2021/12/09/next-recession-heres-everything-bubble-markets-2021-2022-covid-murray-sabrin/>;
- F. High inflation & liquidity, bubble in asset prices: What can RBI do now? Read more at: <https://economictimes.indiatimes.com/markets/stocks/news/high-inflation-liquidity-bubble-in-asset-prices-what-can-rbi-do-now/articleshow/84589047.cms>