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Water Trends \u0026amp;

Predictions for 2020

Agriculture \u0026amp;

Food Systems to

2050: Global Trends,

Challenges and

Opportunities ~~What If~~

~~All The Ice Melted On~~

~~Earth? ft. Bill Nye~~

Dominic Barton: Five

Trends Reshaping the

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Understanding The

Blue Ocean Strategy

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on Accelerating

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missing piece in

peacebuilding | Manal

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lens of COVID 19
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Innovation - Global
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Global warming can impair water quality in several ways, which can have significant consequences for people, wildlife, and ecosystems. Take, for instance, these situations. As noted above, climate change is leading to

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more intense
precipitation events.
Intensified
precipitation levels
lead to increased
runoff.

The Impact of Global
Warming on Water ·
Waterlogic

Our top predictions for
2020 in the global
water market include:
Climate Action ☐ Net

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Zero Initiatives.

Climate has become central to the global agenda with 60 countries committing to net zero targets for 2050. The UK Water Utility sector has committed to a target of net zero by 2030.

Water Technology
Trends 2020 |
Aquatech

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The world is facing a global water crisis. This year, the World Economic Forum and world business leaders identified that water supply crises are amongst the highest impact risks facing the modern...

The global water crisis – why water politics matter for ...

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Globalization trends have affected the water sector, most notably by opening it up to significant competition and external influences. Water privatization activity has increased since 1997. Although all geographic regions have seen some water privatization, it has occurred

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predominately in Latin America and the Asian and Pacific Basin regions.

Globalization and Water - freshwater, effects, important ...
If global temperatures continue to rise, rainfall will increasingly become a beast of extremes: long dry spells here,

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dangerous floods there and in some places, intense water shortages. As early as 2025, the World Health Organization estimates that half of the world's population will be living in water-stressed areas.

The effects of climate change on water shortages

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Specifically, as global temperatures have steadily increased at their fastest rates in millions of years, it's directly affected things like water vapor concentrations, clouds, precipitation patterns, and stream flow patterns, which are all related to the water cycle.

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How Is Climate
Change Impacting the
Water Cycle? |
Climate ...

Water Tight 2.0 The
top trends in the
global water sector 1
Water scarcity,
changing
demographics and
operational efficiency
are top issues for the
global water sector,
which are amplified by

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the unpredictable impact of climate change. These challenges provide the background to this report. Demand for water continues to rise.

Water Tight 2.0 The top trends in the global water sector
As the world becomes more populous,

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urbanised and prosperous, demand for energy, food and water will rise. But the Earth has a finite amount of natural resources to satisfy this demand. Without significant global action, average temperatures are predicted to increase by more than two degrees Celsius, a

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threshold at which scientists believe significant and potentially irreversible environmental changes will occur.

Megatrends - Issues -
PwC UK

Climate change is also projected to undermine food security, exacerbate existing health

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threats, adversely affect water availability and lead to increased

displacement. In the coming decades, it is...

Six megatrends that could alter the course of sustainable ...

The NIC Global Trends project involves extensive

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research and consultations with people inside the US government and around the world. We reviewed key assumptions and trends, starting with an examination of regions that was aggregated to identify broader global dynamics.

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The emerging market trends driving the global functional water market according to

Technavio research analysts are:

Consumption per person of functional water is increasing in North America,...

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Top Emerging Trends
in the Global
Functional Water
Market ...

Tracey delivered a concise and well-structured presentation on key global trends and how to think about turning them into opportunities. Her breadth of knowledge across businesses

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and industries is truly impressive. She managed to make the content relevant to the Executives

International audience through examples that resonated with the group.

Global trends

In a rapidly changing environment, what are the global indicators

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that help you to keep track and make sense of the different events and trends affecting business? What are the opportunities you might have missed out on? At IMD, we believe these are crucial questions that business leaders should be asking themselves.

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Social Trends
Affecting Businesses -
IMD

As several major trends play out at the national and global levels, including infrastructure upgrades and smart city initiatives, E&C firms have opportunities to play central roles.

However, sustained

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cost pressures will not evaporate and trade uncertainties persist; therefore, firms should consider how to mitigate some of these challenges.

2020 Engineering and Construction Industry Trends ...

Source: UN (2015b).
Deprivations and disparities are also

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Affecting the use of water and sanitation. For example, 16 percent of the rural population worldwide do not use improved drinking water sources, compared with 4 percent of the urban population (unimproved and surface water in Figure 5) (UN 2015b).

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GLOBAL TRENDS: CHALLENGES AND OPPORTUNITIES IN THE ...

Exponential population growth is having an increasingly serious impact on the world's water resources. The trend suggests that by 2050 the population will increase to 10,000,000,000

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people. And how will this affect our water resources?

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How does population growth affect water resources?

There are several reasons why global water supply is not even. Factors affecting water supply
Access to a fresh water supply is

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affected by the
following factors:

Climate □ low levels of
rainfall...

Factors affecting
water availability -
Water supply and ...
How Global Trends
Are Affecting the
Retail Technology of
the Future Author:
Russell Faulkner
Technology and retail

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operations have been going hand in hand for years, and nowadays retailers work around the clock to navigate a digital world that is increasingly evolving, while tech-savvy consumers have increased their demands for technical experiences wherever they shop.

Read Book Global Trends Affecting The Water Cycle Techneau Home

In onze maatschappij zien we veel ontwikkelingen die van grote betekenis (kunnen) zijn voor de watersector. Het is belangrijk om die ontwikkelingen te onderkennen en er tijdig op in te spelen. Het Techneau-rapport

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'Global trends affecting the water cycle: Winds of change in the world of water' beschrijft trends die de watersector zullen beïnvloeden. Daarbij is samen met de Global Water Research Coalition gekeken naar de watersector in haar volle breedte: niet

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alleen naar The
drinkwater, maar ook
naar afvalwater,
sanitatie en andere
wateraspecten.

Looks at the bigger
picture, and the future
trends that are going
to affect the global
business world over
the next few years.

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The author analyses traditional themes such as technology and sustainability but also takes into consideration the effects of developments in other areas such as health, education and demographics

This publication covers global

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megatrends for the next 20 years and how they will affect the United States.

This is the fifth installment in the National Intelligence Council's series aimed at providing a framework for thinking about possible futures and their implications. The report is intended to stimulate strategic

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thinking about the rapid and vast geopolitical changes characterizing the world today and possible global trajectories during the next 15-20 years by identifying critical trends and potential discontinuities. The authors distinguish between megatrends, those factors that will

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likely occur under any scenario, and game-changers, critical variables whose trajectories are far less certain. NIC 2012-001. Several innovations are included in Global Trends 2030, including: a review of the four previous Global Trends reports, input from

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academic and other experts around the world, coverage of disruptive technologies, and a chapter on the potential trajectories for the US role in the international system and the possible the impact on future international relations.

Table of Contents:

Introduction 1

Page 41/81

Read Book

Global Trends

Megatrends 6
Individual
Empowerment 8
Poverty Reduction 8
An Expanding Global
Middle Class 8
Education and the
Gender Gap 10
Role
of Communications
Technologies 11
Improving Health 11
A
MORE CONFLICTED
IDEOLOGICAL
LANDSCAPE 12

Read Book

Global Trends

Diffusion of Power 15

THE RISE AND FALL

OF COUNTRIES:

NOT THE SAME OLD

STORY 17 THE

LIMITS OF HARD

POWER IN THE

WORLD OF 2030 18

Demographic

Patterns 20

Widespread Aging 20

Shrinking Number of

Youthful Countries 22

A New Age of

Read Book

Global Trends

Migration 23 The
World as Urban 26
Growing Food, Water,
and Energy Nexus 30
Food, Water, and
Climate 30 A Brighter
Energy Outlook 34
Game-Changers 38
The Crisis-Prone
Global Economy 40
The Plight of the West
40 Crunch Time Too
for the Emerging
Powers 43 A

Read Book

Global Trends

Multipolar Global
Economy: Inherently
More Fragile? 46 The
Governance Gap 48
Governance Starts at
Home: Risks and
Opportunities 48
INCREASED FOCUS
ON EQUALITY AND
OPENNESS 53 NEW
GOVERNMENTAL
FORMS 54 A New
Regional Order? 55
Global Multilateral

Read Book

Global Trends

Cooperation 55 The
Potential for
Increased Conflict 59

INTRASTATE

CONFLICT:

CONTINUED

DECLINE 59

Interstate Conflict:

Chances Rising 61

Wider Scope of

Regional Instability 70

The Middle East: At a
Tipping Point 70

South Asia: Shocks

Read Book

Global Trends

on the Horizon 75
East Asia: Multiple
Strategic Futures 76
Europe: Transforming
Itself 78 Sub-Saharan
Africa: Turning a
Corner by 2030? 79
Latin America: More
Prosperous but
Inherently Fragile 81
The Impact of New
Technologies 83
Information
Technologies 83

Read Book

Global Trends

AUTOMATION AND
MANUFACTURING
TECHNOLOGIES 87
Resource

Technologies 90

Health Technologies

95 The Role of the
United States 98

Steady US Role 98

Multiple Potential

Scenarios for the

United States' Global

Role 101 Alternative

Worlds 107 Stalled

Read Book

Global Trends

Engines 110 FUSION

116 Gini-out-of-the-
Bottle 122 Nonstate
World 128

Acknowledgements

134 GT2030 Blog

References 137

Audience: Appropriate
for anyone, from
businesses to banks,
government agencies
to start-ups, the
technology sector to
the teaching sector,

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and more. This publication helps anticipate where the world will be: socially, politically, technologically, and culturally over the next few decades.

Keywords: Global Trends 2030
Alternative Worlds,
global trends 2030,
Global Trends series,
National Intelligence

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Council, global
trajectories, global
megatrends,
geopolitics,
geopolitical changes

This is an extremely
well-researched and
documented book.

The authors
hypothesis is that the
current water and
wastewater sector is
failing the populations

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of the western-world
by clinging to
orthodox and short-
term visions of new
technology and
innovation, and also
failing the developing
nations by believing
that delivery of
western-world high-
technology solutions
is a contribution to
humanitarian
development. This is

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Affecting The

the crisis of innovation

Water Cycle
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. To many practitioners in the water industry the book will be perceived to be hypercritical (of the incrementalism, conservative and dogged traditionalism) of the sector, but in fact it is stimulating and positive. In the latter chapters an alternate more holistic

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A model of water development is described. There needs to be a movement from large, central infrastructure resources to distributed systems that are more appropriate to local needs and can be coupled with environmentally sustainable energy

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Affecting The
sources and
practices. Tim Lack,
European Topic
Centre on Water, UK

Whilst acknowledging
a massive leap from
standpipe to universal
water provision in 100
years in developed
countries, the authors
of this book see
problems for global
sustainable water
supply and

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wastewater removal in the future. Using the UK water industry as an example, they describe the global water industry as risk averse and unwilling to innovate, a view that is encouraged by the institutional and financial regimes under which it works. The book explores the reasons for concern

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and sets out some hard-hitting views on how the water industry is failing to identify and tackle the essential problems in a world which is becoming ever more depleted of fresh water. The concluding chapter brings to a focus the problems of the crisis in innovation and gives some

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concrete suggestions for tackling them. This volume should raise the awareness of policymakers and regulators,

technologists and concerned members of the public. Peter Chave, Independent Consultant and formerly Head of Pollution Control, National Rivers

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Authority, UK This significant new book highlights a little acknowledged but potentially catastrophic crisis of innovation in the global water sector, which institutions and industries are frighteningly ill-equipped to tackle or even accept. It suggests potential

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new technology and policy approaches to overcome both current and future problems. The book explores how technological innovation is vital to help provide sustainable water in both the UK and developing countries. However, innovation is being overlooked in

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the face of global trends to privatize and regulate water utilities. The authors highlight how the global water sector is failing to respond to increasingly complex world needs and continues to build largely unsustainable centralized infrastructures, opposing more

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appropriate, distributed and local modern technologies. The book also includes suggestions for potentially innovative technology and policy solutions to meet escalating global water and wastewater demands. Importantly, the authors adopt a long-term perspective that

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crosses both disciplinary and institutional boundaries, and include an international comparative perspective, covering a diverse range of examples and countries. This comprehensive book will have a broad appeal amongst

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researchers and academics with an interest in technology management, innovation studies, geography and development studies. It will also be a valuable asset for water regulators and governmental and non-governmental organisations working in this field.

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Global Trends Affecting The

Co-published with
UNESCO A product
of the UNESCO-IHP
project on Water and
Cultural Diversity, this
book represents an
effort to examine the
complex role water
plays as a force in
sustaining,
maintaining, and
threatening the
viability of culturally

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diverse peoples. It is argued that water is a fundamental human need, a human right, and a core sustaining element in biodiversity and cultural diversity. The core concepts utilized in this book draw upon a larger trend in sustainability science, a recognition of the synergism and analytical potential in

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utilizing a coupled biological and social systems analysis, as the functioning viability of nature is both sustained and threatened by humans.

This report is intended to stimulate thinking about the rapid and

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vast geopolitical changes characterizing the world today and possible global trajectories over the next 15 years. As with the NIC's previous Global Trends reports, we do not seek to predict the future, which would be an impossible feat, but instead provide a

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A framework for thinking about possible futures and their implications. In-depth research, detailed modeling and a variety of analytical tools drawn from public, private and academic sources were employed in the production of Global Trends 2030. NIC leadership engaged with experts in nearly

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20 countries, from think tanks, banks, government offices and business groups, to solicit reviews of the report.

Global megatrends for the next 20 years and how they will affect the United States.

This is the fifth installment in the National Intelligence

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Council's series aimed at providing a framework for thinking about possible futures and their implications.

The report is intended to stimulate strategic thinking about the rapid and vast geopolitical changes characterizing the world today and possible global trajectories during the

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next 15-20 years by identifying critical trends and potential discontinuities. The authors distinguish between megatrends, those factors that will likely occur under any scenario, and game-changers, critical variables whose trajectories are far less certain. NIC 2012-001.

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Appropriate for anyone, from business to banks, government to start-ups, technology to teachers and more, this publication helps anticipate where the world will be socially, politically, technically and culturally over the next few decades. Several innovations are included in Global

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Trends 2030, including: a review of the four previous Global Trends reports, input from academic and other experts around the world, coverage of disruptive technologies, and a chapter on the potential trajectories for the US role in the international system

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and the possible the
impact on future
international relations.

Major conferences
cosponsored by the
NIC with other
government and
private centers in
support of Global
Trends 2015 included:
Foreign Reactions to
the Revolution in
Military Affairs

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(Georgetown University), Evolution of the Nation-State (University of Maryland), Trends in Democratization (CIA and academic experts), American Economic Power (Industry & Trade Strategies, San Francisco, CA), Transformation of Defense Industries

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(International Institute
for Strategic Studies,
London, UK),

Alternative Futures in
War and Conflict

(Defense Intelligence
Agency and Naval
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Newport, RI, and

CIA), Out of the Box
and Into the Future: A

Dialogue Between

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(Potomac Institute,
Arlington, VA), Future
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Intelligence and
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Global Futures

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