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**FUNDAÇÃO**  
FRANCISCO MANUEL DOS SANTOS

# GLOBALSTAT

**Dr. Gaby Umbach**

**Founding Director of GlobalStat**

Global Governance Programme

Robert Schuman Centre for Advanced Studies

European University Institute

Florence

**European Parliamentary Research Service**

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**The Making of...**

**Why focus on Developments in a  
Globalised World?**

**Why are Statistics important?**

**Why GLOBALSTAT ?**

**What is GLOBALSTAT ?**





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# Why...

## ...focus on Developments in a Globalised World?





## Overall Starting Points...

...ever closer interlinkages between *Globalisation*,  
*Sustainable Development*, *Human Development*/  
*Human Well-being*

...huge *variation*, but also *overlap* in approaches,  
definitions and measurement







## Globalisation ...

...global *interdependence*, *interlinkages*, *connectivity*

...integration process of regional economies, societies & cultures

...combination of *economic*, *social*, *technological*, *cultural*, *political* and *ecological* factors

...transnational circulation of *ideas*, *languages*, or popular *culture*

...worldwide *interconnectedness* of *contemporary life & livelihoods*





# Sustainable Development ...

*The **Earth** is **one** but the **world** is **not**  
Those who are **poor** & **hungry** will often **destroy** their  
immediate **environment** to **survive**  
A world in which **poverty** & **inequity** are endemic will  
always be **prone to** ecological and other **crises***

(Brundtland Report 1987)

## Interlinkages between...

- ...**environmental stresses** (ecological interdependences)
- ...**environmental stresses** & patterns of **economic development**
- ...**environmental** & **economic problems** as well as **social** & **political factors**

## Resulting in...

- ...**interlocked ecological** & **economic threats** combined  
with **social challenges**





# Sustainable Development ...

...environmental stress & uneven development can increase *social tensions*

...growing realisation that it is *impossible to separate* economic *development issues* from *environment issues*

...critical *survival issues* = related to *uneven development, poverty & population growth*

...unprecedented *pressures* on the planet's *natural resources*

...rising poverty & unemployment = *increased pressure on environmental resources* = more people forced to rely more directly upon them





## Sustainable Development ...

...deepening & widening environmental crises present *threats to national security & survival*

...*downward spiral* of *poverty & environmental degradation* = waste of opportunities and resources

...*poverty* is major cause/effect of global environmental problems

...*ecology & economy* are becoming *ever more interwoven* into a seamless net of causes and effects

...more *chronic, widespread disasters*: debt crisis, stagnating aid to and investment in developing countries, falling commodity prices and falling personal incomes







## Human Development / Well-Being ...

*People are the **real wealth of nations***  
(UN HDR 1990)

*A country's success or an individual's **well-being**  
**cannot be** evaluated by **money alone***  
(UN HDR 2010)

***Expansion** of substantive **freedoms** of people today, making reasonable  
efforts to **avoid** seriously **compromising** those of **future generations***  
(UN HDR 2011)

...**complement** conventional **sustainability approaches**

...multidimensional **human-centred** perspective on development

...**enabling environment** to live long, healthy &  
creative lives

...enlarge people's **choices**





## Human Development / Well-Being ...

...*GDP* mainly measures market production, but often treated *as if measure of economic well-being*.

...*focusing* exclusively on *economic growth* is *problematic*

...*high rates of growth* can coincide with *environmental degradation* and worsening income distribution

...unbalanced emphasis on growth = often associated with negative *environmental consequences & adverse distributional effects*

...achievements are possible even without economic fast growth





# Operationalisation & Measurement...

## Analysis focusing largely on its *socio-economic and political* side (e.g.)

*ETH Zürich - KOF Globalisation Index; Ernst&Young Globalization Index; A. T. Kearney/FOREIGN POLICY Globalization Index; OECD - Economic Globalisation Indicators; WARWICK- CSGR Globalisation Index; World Bank - CPIA; World Bank - Doing Business...*

## Analysis focusing largely on its *environmental* side (e.g.)

*Biodiversity Partnership Indicators; CEOS International Directory Network; Climate Analysis Indicators Tool; Earth Observation; Global Change Master Directory/NASA; Living Planet Index; Yale University's Environmental Sustainability Index...*

## Analysis taking a *broader perspective* (e.g.)

*GPIAtlantic - Genuine Progress Indicators; ZGF – Fortschrittsindex; Happy Planet Index; Human Development Index; Legatum Prosperity Index; Maastricht Globalisation Index; Sustainable Society Index; UN Millennium Development Goals Indicators; UN Sustainable Development Indicators; World Bank - World Development Indicators; World Resources Institute – Earth trends...*





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# Why...

## ...are statistics important?







## Because they...

...are key instruments to *quantify, qualify, measure & compare* complex phenomena

...are used to *evaluate* many often complicated aspects of *reality* (political, legal, societal, or cultural)

...not only measure, but *create reality* & impact on behaviour (benchmark; naming-blaming-shaming)

...are also *deeply political* ('governing by numbers')

...*improve quality* of democracy, transparency, debates, policies & scrutiny (evidence-based processes)





**Most prominent examples are indices like...**

- ...*Millennium (Sustainable) Development Goals*
- ...World Governance Indicators
- ...*Corruption Perception Index*
- ...World Bank Doing Business Indicators

**...but also single indicators like...**

- ...*GDP/GNI*
- ...Life expectancy
- ...*Child mortality*
- ...Literacy rates





So, in the end statistical data...

...increase *insight & knowledge*

...support *policy-making & evaluation*

...inform *monitoring & measurement of progress*

...are *independent information sources*





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# Why GLOBALSTAT ...

...The new Database on  
Developments in a  
Globalised World?







## Generally, because...

### Collect - Structure - Present

...data as independent information sources *deserve promotion*

...they *inform* public debate & decision-making & *improve quality* of knowledge

...are *essential* to analyse the 3 core concepts & key interrelations in modern politics

...*only slowly* become *more visible* in public domain

...*clarity & speed of data access* need to be improved





## Combined Perspective on 3 Phenomena, because...

...narrow focus on one falls short to take into account *wealth of information* required for *balanced analysis*

...*broader picture* of development & quality-of-life

...information about *how human beings live*, what *freedoms they enjoy* and what *limitations they face*

...combination of *wealth of statistical sources*

...facilitate *access* to get overview





## These demands are important as...

...information sources mushroom at a *hardly traceable speed*

...*areas, issues & processes* affecting individuals *amplify*

...globalisation, sustainable development & human development/well-being go *beyond global economic interrelations & resource management*

...*knowledge* on diverse developments is *relevant* to *assess* sustainability, trends in globalisation & human well-being





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# What is

# GLOBALSTAT ...







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# Aims & Objectives...

...contributing to **3 priorities** of **UN HDR 2010**

...improving data & analysis to **inform debates**

...providing an **alternative to conventional approaches** to studying development (& the 3 core concepts)

...**increasing understanding** of inequality, empowerment, vulnerability & sustainability

...**democratic empowerment**

...**enable** people & **encourage** data use

...increase **transparency** (in multiple ways)

...**improve quality** of informed public debate & discussion





## Framing & Conceptualisation...

- ...combined perspective resulting in '*beyond GDP*' focus
- ...mirror *most important areas & aspects* of 3 phenomena
- ...target at *broad range of data sources*
- ...analysis of *existing data sets, indices and approaches* on Globalisation, SD & HD/HW
- ...define well-identified *dashboard of indicators, geo scope & data quality*
- ...identify and calculate *groups aggregates*
- ...use *dynamic approach* to calculation of aggregates
- ...check *feasibility*, adapt, implement





## **‘Stiglitz-Sen-Fitoussi Commission Report (2009):**

**...Subjective well-being encompasses different aspects (cognitive evaluations of one’s life, happiness, satisfaction, positive emotions such as joy and pride, and negative emotions such as pain and worry): each of them should be measured separately to derive a more comprehensive appreciation of people’s lives**

**...Quantitative measures of these subjective aspects hold promise of delivering not just good measure of quality of life, but also a better understanding of its determinants, reaching beyond people’s income and material conditions**

**...pragmatic approach towards measuring sustainability**

**...by its very nature, sustainability involves the future & its assessment involves many assumptions & normative choices**





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## Analysis of Indices...

*...A. T. Kearney/FOREIGN POLICY Globalization Index; Biodiversity Partnership Indicators; CEOS International Directory Network; Climate Analysis Indicators Tool; Earth Observation; ETH Zürich - KOF Globalisation Index; Ernst&Young Globalization Index; GPIAtlantic - Genuine Progress Indicators; Global Change Master Directory/NASA; Happy Planet Index; Human Development Index; Legatum Prosperity Index; Living Planet Index; Maastricht Globalisation Index; OECD - Economic Globalisation Indicators; Sustainable Society Index; UC Atlas of Global Inequality; UN Millennium Development Goals Indicators; UN Sustainable Development Indicators; WARWICK- CSGR Globalisation Index; World Bank - CPIA; World Bank - Doing Business; World Bank - World Development Indicators; World Resources Institute – Earth trends; Yale University's Environmental Sustainability Index; ZGF – Fortschrittsindex ...*





## GLOBALSTAT ...

...takes up the need for **intuitively & publicly accessible data**.  
...accounts for the **multi-dimensional nature** of globalisation & sustainable development.

## GLOBALSTAT DATA...

...is explained by **symbols** in the tables  
...is complemented by **metadata**

## GLOBALSTAT OFFERS DATA...

...starting **from 1960** until present day  
...gathered from **80+ internat. sources**  
...intuitively accessible in only **3 clicks**

[www](http://www.globalstat.org)

## GLOBALSTAT ALLOWS YOU...

...to **export** data according to your choice  
or for all countries  
...to **download** meta-  
data  
...to **extract** graphs as  
images





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## GLOBALSTAT provides information about...

...*way we live, freedoms & limitations.*

...*performance of nations.*

...*interrelations between human living conditions, globalisation trends & sustainable development.*

...*‘beyond GDP’ perspective on globalisation.*





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<b>DEMOGRAPHICS</b> (Status quo & Challenges)	<b>ECONOMIC DEVELOPMENT &amp; TRADE</b> (Diversity & Catch Up)	<b>ENERGY</b> (Finite Resources & Renewables)	<b>ENVIRONMENT</b> (Conditions & Threats)
<b>FINANCIAL ACTIVITIES &amp; STRUCTURE</b> (Texture & Relations)	<b>FOOD, AGRICULTURE &amp; FISHERIES</b> (Patterns & Challenges)	<b>FREEDOM, CONFLICTS &amp; RISKS</b> (Crisis & Perils)	<b>GOVERNANCE</b> (Institutions & Structures)
<b>HEALTH &amp; LIVING CONDITIONS</b> (Well-being & its Fundaments)	<b>HUMAN &amp; SOCIETAL DEVELOPMENT</b> (Quality & Features)	<b>HUMAN MOBILITY</b> (Migration & its Background)	<b>TECHNOLOGICAL DEVELOPMENT</b> (Participation & Progress)
<b>GLOBAL TRENDS</b> (Prospects in Key Areas)			
<b>SUSTAINABLE LIVELIHOOD</b> (Sustainable Development in the Light of Human Activities)			
<b>PROSPERITY OF NATIONS &amp; HUMAN WELL-BEING</b> (Beyond GDP – Indices' scores)			

**12**  
**thematic**  
**+**  
**3**  
**horizontal**  
**areas**



## 193 Nation States

## 5 Continents

## 12 Integration Communities & International Organisations

**COUNTRIES AND GROUPS (193/193)**

Country

Search Country/Group

- ☒ Afghanistan
- ☒ Albania
- ☒ Algeria
- ☒ Andorra
- ☒ Angola
- ☒ Antigua and Barbuda

**COUNTRIES AND GROUPS (211/211)**

World

Search Country/Group

- ☒ World
  - ☒ Africa
    - ☒ Algeria
    - ☒ Angola
    - ☒ Benin
    - ☒ Botswana
    - ☒ Burkina Faso
    - ☒ Burundi
    - ☒ Cameroon
    - ☒ Cape Verde

**COUNTRIES AND GROUPS (0/17)**

Continent or Group

Search Country/Group

- ☐ World
  - ☐ Africa
  - ☐ Americas
  - ☐ Asia
  - ☐ Europe
  - ☐ Oceania
  - ☐ ASEAN
  - ☐ AU
  - ☐ CAN/MERCOSUR/UNASUR
  - ☐ CARICOM
  - ☐ EU





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# GLOBALSTAT offers...

- ...Citizens: Easy and *intuitive introduction* to data.
- ...PA&Politicians: Variety of themes & *international resources*.
- ...Students: *Attractive tool* to understand & use data.
- ...Teachers: Structured instrument to *deepen knowledge*.
- ...Researchers: Source & *starting point* for data collection.
- ...Journalists: Reliant, *independent source* of information.
- ...ALL OF US: *Awareness & Knowledge of Developments in a Globalised World.*





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# GLOBALSTAT empowers us to...

*...**know** about the quality of life around the world.*

*...**understand** multi-dimensional challenges.*

*...**assess** the performance of nations.*

*...**contrast** globalisation trends & human development.*





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# GLOBALSTAT

## The Road ahead...

...feedback & *refinement*

...academic *research* (Factsheets, WP, data viz; PoM,...)

...*outreach* (FB, Blogs, Twitter, Partnerships, Envisaged  
*Contemporary Trends* Conference)

...further *development* (*data viz, extension*  
(themes and data quality), *up-dating*)

## Growing - Evolving - Adapting





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Start Exploring!

[www.globalstat.eu](http://www.globalstat.eu)

