



## **International Call for Papers:**

### **Volume 20 of the African Development Perspectives Yearbook with the title “Science, Technology and Innovation Policies for Inclusive Growth in Africa”**

Invited are contributions for Volume 20 of the African Development Perspectives Yearbook with the title **“Science, Technology and Innovation Policies for Inclusive Growth in Africa”**. The contributions should be evidence-based and policy-oriented. High academic standards are requested and will be checked by referees. Non-technical papers with deep analysis, which are readable by practitioners in development cooperation and by media people, have a high priority in the selection process. The concept of the contribution and the methodological framework of analysis should be outlined in the Abstract which is submitted to the Editors.

Upon acceptance of the paper, the *contributors* will receive Editorial Guidelines and a Template. Accepted papers will be grouped into Thematic Units, and the respective Unit Editors will contact the contributors quite regularly during the process of finalization.

*Guest Editors* for various Thematic Units are also invited to apply. Editors of Thematic Units are also becoming automatically Volume Editors. Guest Editors are responsible for a Thematic Unit with 3 – 5 contributions and an Introduction. For specific themes see the Main Issues proposed by the Editors for Volume 20 as presented below.

See the *context* of the **African Development Perspectives Yearbook** and of the Africa Research Programme of the **Research Group on African Development Perspectives Bremen** at IWIM (Institute for World Economics and International Management):

<http://www.iwim.uni-bremen.de/africa/africanyearbook.htm>

The Editors also invite publishers and institutes to send books and issues of periodicals as well as research discussion papers and documents being of relevance to the theme for use in the *Book Reviews/Book Notes Section of the African Development Perspectives Yearbook* (Book Review/Book Notes Editor: Professor Dr. Achim Gutowski, Email: Prof. Dr. Achim Gutowski [agutowski@uni-bremen.de](mailto:agutowski@uni-bremen.de) ).

**Main Issues proposed by the Editors for Volume 20 (see below some examples of interesting themes for Contributions and Units):**

**Capabilities in Africa for Sustainable Industrialization: Technological Capabilities, Innovation Capabilities and Information Technology (IT) Capabilities**

- *Assessing the state of capabilities in Africa*
- *Assessing the role of these capabilities for Africa's industrialization*
- *Capabilities for Inclusive Growth Strategies*

**National, Regional and Sector-specific Innovation Systems in Africa: Concepts and Case Studies**

- *Assessing the state of national, regional and sector-specific innovation systems in Africa*
- *Assessing the role of innovation systems for inclusive growth in Africa*
- *Cases of innovation systems in Least Developed, Low Income and Middle Income countries in Africa*

**Towards Coherent Science, Technology and Innovation (STI) Policies for Inclusive Growth in Africa: Concepts and Country Case Studies**

- *Assessing criteria for and cases of successful Science, Technology and Innovation (STI) policies in Africa*
- *Assessing the Role of STI policies for Inclusive Growth, with focus on employment creation and poverty reduction*
- *Evaluating Policy Processes towards coherent and effective STI Policies*

**Informal Manufacturing Sectors in Africa and the Role of STI Policies**

- *Assessing the capabilities in informal sector manufacturing*
- *Assessing the Role of STI policies for Informal Sector Support*
- *Case studies of building competence in informal sector enterprises*

**Higher Education Institutions, Research & Development Systems, and Reforms of Education/Training Policies in Africa**

- *Assessing the research systems in higher education institutions in Africa*
- *Criteria for the establishment of excellence centres at higher education institutions in Africa*
- *Analysing the Framework of Public Policies for Integrated Research, Education and Training Systems*

### **Foreign Investment, Knowledge Spillovers and STI Policies in Africa**

- *Assessing the vertical and horizontal knowledge spillovers from foreign direct investment to the domestic economy in Africa*
- *STI Policies to support technology transfers to innovative clusters and high-tech sectors*
- *Learning from Asian and Latin American successes of FDI knowledge spillovers*

### **Global Value Chains in Africa and the Role of National and Sector-Specific Innovation Systems: Case Studies**

- *Evaluating Global Value Chains as Contributors to Technological Upgrading*
- *Criteria for Public Sector STI Support to strengthen the role of global value chains*
- *Economic and social upgrading through global value chains by supporting sector innovation systems*

### **Local Development and Local Innovation Systems in Africa: The Role of Grassroots Innovations**

- *Analysing Cases of Successful Grassroots Innovations and of Traditional Knowledge Platforms*
- *Criteria for Successful Grassroots Innovations towards achieving Inclusive Growth*
- *Administrative Decentralization and building of local innovation systems*

### **Case Studies of “African Challengers”: Innovative Firms in Africa and their Strategies**

- *Assessing the innovation capacity of high-growth corporations in Africa*
- *Evaluating the innovation and R&D strategies of high-performing enterprises in Africa*
- *Private sector development through incentives for corporate R&D expenditures in Africa*

### **Regional Integration, Regional Innovation Systems and Regional Value Chains in Africa: Concepts and Cases**

- *Evaluating the Dependence of Regional Value Chains on Deep Regional Integration and on functioning Regional Innovation Systems*
- *Assessing Regional Value Chains and Regional Innovation Systems in Southern and Eastern Africa*
- *Towards more long-term development agendas for Regional Economic Communities (RECs) in Africa*

### **Data on STI, R&D, Innovation Input (II) and Innovation Output (IO) in Africa: An Input for more equitable Public Policies in Africa**

- *Assessing the state of information on STI, R&D, II and IO by quality and coverage of data*
- *Evaluating the contribution of these data for sustainable development and inclusive growth*
- *Reorganizing national policy planning and statistical systems in Africa to support more effective STI policies*

### **Innovation Systems and Structural Transformation in Africa: Country Cases**

- *Assessing the role of innovation systems for structural transformation in Africa*
- *Evaluating the conditions of success of the “structural transformers” in Africa and the contribution of their STI policies*
- *Towards an Innovation-centred Strategy and Policy of Structural Change in Africa*

### **Industrial Production, Digital Technologies and Open Innovation in Africa**

- *Assessing the role of open innovation in manufacturing sectors of African countries*
- *Cases of open innovation in selected manufacturing and services sectors*
- *Towards new inclusive business models based on open innovation solutions*

#### **To the Contributors of Volume 20:**

Please send an Abstract and a short CV not later than June 30, 2016 to the Managing Editor and to the Volume Editors (see below). The Editors will respond within 4 weeks to your proposal. If you have already contributed to a former volume of the Yearbook, please send only an Abstract.

#### **To the Guest Editors of Volume 20:**

Please send also a short CV and a proposal for one of the themes mentioned above.

#### **Timeline for Volume 20:**

*Deadline for Abstracts:* June 30, 2016

*Acceptance or Rejection of the Proposed Contribution:* July 31, 2016

*First Draft of the Contribution:* November 2016

*Final Draft of the Contribution after the Review Process:* May 2017

**Contacting the Editors of the African Development Perspectives Yearbook:****Professor Dr. Tobias Knedlik, Managing Editor:**

Fulda University of Applied Sciences  
Leipziger Str. 123  
D-36037 Fulda, Germany

Phone: +49 (0)661 / 9640 - 268  
Fax: +49 (0)661 / 9640 - 252  
E-Mail: tobias.knedlik@w.hs-fulda.de

**Professor Karl Wohlmuth, Scientific Coordinator and Volume Editor:**

University of Bremen  
Department of Economics and Business Studies  
P.O. Box 330 440  
28334 Bremen, Germany

Phone: +49 (0)421 218-66517  
Fax: +49 (0)421 218-4550  
Email-Address: wohlmuth@uni-bremen.de