

A photograph of the University of Khartoum, featuring a long, paved walkway lined with green metal fences and palm trees leading towards a large, ornate, multi-story building with arched windows and doorways. The sky is blue with some clouds.

# University of Khartoum

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# Today PRESENTER



**SAMIA SATTI OSMAN  
MOHAMED NOUR**

Department of Economics

Faculty of Economic and  
Social Studies

# FIELD OF WORK

- ◉ Economics,  
Macroeconomics, Microeconomics,  
Economics of Innovation and technological  
change  
International Economics, Applied Economics  
Labour Economics, Development Economics,  
Human Capital Development and Endogenous  
Growth, Knowledge Economy

# ACADEMIC APPOINTMENTS EXPERIENCE

- ◉ Full Professor of Economics- Department of Economics- Faculty of Economic and Social Studies- Khartoum University- Khartoum- Sudan- since January 09, 2016 up to date
- ◉ Associate Professor of Economics- Department of Economics- Faculty of Economic and Social Studies- Khartoum University- Khartoum- Sudan- January 08, 2012 - January 08, 2016.
- ◉ Associate Professor of Economics- Department of Economics- Faculty of Economic and Administration- King Abdulaziz University- Jeddah- Kingdom of Saudi Arabia- September 18, 2013 - August 12, 2015

## ACADEMIC APPOINTMENTS EXPERIENCE

- ◉ Assistant Professor of Economics- Department of Economics- Faculty of Economic and Social Studies- Khartoum University- Khartoum- Sudan- December 12, 2005 - January 07, 2012.
- ◉ Coordinator Ph.D. Programme in Economics and Post Graduate Studies Committee Reporter- Economics Department- Faculty of Economic and Social Studies-Khartoum University- September 01, 2006- May 01, 2009
- ◉ Teaching Assistant- Department of Economics- Faculty of Economic and Social Studies- Khartoum University- Khartoum- Sudan- since April 05, 1995 up to December 11, 2005.

## Postdoctoral Visiting researcher Fellowship and Doctoral Fellowship

- ◉ Visiting Professor and Guest Researcher, the Nordic Africa Institute (NAI) Guest Researchers' Scholarship Programme 2017, NAI, Uppsala, Sweden (April 2017- July 2017).
- ◉ Visiting Professor at the Chr. Michelsen Institute, (CMI), Bergen University, Bergen, Norway, May 28-30, 2017.
- ◉ Visiting Professor and Post - Doctoral Research Fellow at the United Nations University and Maastricht Economic and Social Research Institute on Innovation and Technology (MERIT) - School of Business and Economics- Maastricht University, the Netherlands, (October 2010-December 2011).



## Postdoctoral Visiting researcher Fellowship and Doctoral Fellowship

- ◉ Visiting Professor and Post - Doctoral Research Fellow at the African Studies Centre (ASC) Post-Doctoral Visiting Fellowship Programme, Leiden University, Leiden, the Netherlands, May 05, 2009- July 30, 2009.
- ◉ Ph.D. Intern Student the United Nations University-World Institute for Development Economics Research (UNU - WIDER), Helsinki, Finland, May 2002- July 2002.
- ◉ Ph.D. Candidate Programme "Economics and Policy Studies of Technical Change", Maastricht University, Faculty of Economic and Business Administration, the United Nations University, Maastricht Economic Research Institute on Innovation and Technology (UNU-MERIT), Maastricht- the Netherlands: September 1999-November 2005

# Academic Affiliation

- ◉ Affiliated Researcher, the United Nations University and Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT), Maastricht University, the Netherlands, (December 2011 up to date).
- ◉ Affiliated Research Fellow- African Studies Centre, Leiden University, the Netherlands, (March 2012, up to date).
- ◉ Affiliated Research Fellow Economic Research Forum for Arab Countries, Cairo, Egypt, (March 2017, up to date).

## Academic achievements

- ◉ First female Professor in the Faculty of Economic and Social Studies, University of Khartoum since its establishment in 1958,
- ◉ First female Professor of Economics, in the Department of Economics, Faculty of Economic and Social Studies, University of Khartoum since the establishment of the Department of Economics,
- ◉ First new professor of Economics in the Department of Economics, Khartoum University since the mid of 1970s
- ◉ First Arab student and first African female student graduated from the Ph.D. Programme "Economics and Policy Studies of Technical Change" (UNU-MERIT), Maastricht University, the Netherlands since its inception in 1995.

# ACADEMIC ACHIEVEMENTS

- ◉ First female (selected with 16 males) recipient of the University of Khartoum Scientific Excellence Award Prize in Humanities and Educational Studies, (2013), University of Khartoum, Khartoum, Sudan, February 2013.
- ◉ Recipient of the Arab Fund for Economic and Social Development, Kuwait, Postdoctoral Distinguished Scholar Awards Programme (Zamalat). Selected as a grantee recipient among the ten Arab researchers recipients in its eleventh session in 2010, and one of the 145 Arab researcher recipients of the Arab Fund for Economic and Social Development Distinguished Scholar Awards since its inception in 1997.
- ◉ Best academic performance in the University of Khartoum Training programme "Training of Trainers Program in Intellectual Property" offered in collaboration between the World Intellectual Property Organization (WIPO) WIPO World Wide Academy, Geneva, Switzerland and Khartoum University, Sudan (August 2007-March 2008).

# ACADEMIC ACHIEVEMENTS

- ◉ Selected and invited among 25 young academics from developing and transition countries to receive the Ford Foundation Grant for participating at the Cambridge Advanced Programme on Rethinking Development Economics (CAPORDE 2004), Queens College at Cambridge University, United Kingdom, June 29, 2004 - July 15, 2004.
- ◉ Selected and invited among ten African Students to participate in "The Third Africa-Europe Group for Interdisciplinary Studies Summer School". University of Bordeaux, Bordeaux, France, September 14-23, 1998
- ◉ Selected and invited with other seven best- academic students in the University of Khartoum invited to represent the University of Khartoum in the First Arabian Conference for the Best Academic Students in the Arab Universities. That held at Nasir University, Libya, October 1992.

# ACADEMIC ACHIEVEMENTS

- ◉ Economic Consultant for international institutions such as the European Investment Bank , UNESCO, ILO, OECD, UNDP, UNFPA and UNECA.
- ◉ Member of the advisory committee for UNDP Third Arab Knowledge Report 2014 (contributed two background papers for the report).
- ◉ Co-author of the Arab States Chapter of the UNESCO Science Report (2015)
- ◉ Co-author of African Capacity Report (2017) "Building Capacity in Science Technology and Innovation for Africa's Transformation"(2017)
- ◉ Co-editor of the Unit of Sudan, African Development Perspective Yearbook "Science Technology and Innovation Policy for Inclusive Growth in Africa," Volume 20, Institute for World Economics and International Management (IWIM), the University of Bremen, Germany (forthcoming 2017).

## PRIZES: THE FOLLOWING UNIVERSITY PRIZES

- ◉ University of Khartoum Scientific Excellence Award Prize in Humanities and Educational Studies (in the field of Economics) (2013) - University of Khartoum - Khartoum - Sudan - February 2013.
- ◉ Faculty of Economic and Business Administration- Maastricht University Present during the Ph.D. Graduation Ceremony, November 10<sup>th</sup>, 2005.
- ◉ Sudanese Youth Organization Prize and Medal for the Best Graduate Students in the Sudanese Universities 1994.

## Prizes: The following University Prizes

- ◉ Faisal Islamic Bank Prize for the Best Academic Performance in Monetary Theory Course in the Fifth Year Department of Economics- Faculty of Economic and Social Studies- University of Khartoum 1994.
- ◉ University of Khartoum Prize for the Best Fourth Year Student in the Faculty of Economic and Social Studies 1993.
- ◉ University of Khartoum Prize for the Best Second Year Student in the Department of Economics- Faculty of Economic and Social Studies 1992.
- ◉ University of Khartoum Prize for the Best Second Year Student in the Department of Political Science- Faculty of Economic and Social Studies 1992.



## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- ◉ The Nordic Africa Institute (NAI) Guest Researcher Scholarship, Uppsala, Sweden (April 2017- July 2017).
- ◉ The Arab Fund for Economic and Social Development Distinguished Scholar Awards Post-Doctoral Fellowships Program, Arab Fund for Economic and Social Development, Kuwait, (October 01, 2010- October 01, 2011).
- ◉ Honorarium award for the membership of the author's team for the United Nations Educational, Scientific and Cultural Organization (UNESCO) Science Report (USR) in the Arab Region that published in "UNESCO Science Report in the World (USR), 2015" May 2014- November 2015

## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- ◉ Honorarium award for the membership of the advisory and reading committee for the United Nations Development Programme (UNDP) Arab regional Office, and the Mohammed bin Rashid Al Maktoum Foundation, UNDP Third Arab Knowledge Report 2013-2014 "Youth and localization and transfer of Knowledge in the Arab region" Beirut, Lebanon, and Dubai, UAE, (April 2014-June 2014).
- ◉ Honorarium award for the consultancy Research project and grant of the International Labor Organization (ILO) Regional office for the Arab countries, Cairo, Egypt and International Labor Organization (ILO) Headquarter office, Geneva, Switzerland, Consultancy Research project " High-Level independent evaluation of ILO Decent Work Country Programme Strategies in North Africa,". (March 01, 2014- July 31, 2014)

## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- The United Nations University (UNU) - Institute for New Technologies (INTECH) Fellowship for two years: September 1999 - August 2001 and extension of the Fellowship for two years: December 2001- November 2003 - Ph.D. Programme on Economics and Policy Studies of Technical Change.
- The United Nations University (UNU) - World Institute for Development Economics Research (WIDER) UNU/ WIDER Ph.D. Internship/ Fellowship for three months, Helsinki, Finland, May 2002 - July 2002.
- The United Nations- Economic Commission (UN-ECA) for Africa Research Grant and consultancy for Collaborative Research Project "ECA Peer Learning on MDGs"(May 15, 2010- June 23, 2010).

## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- ◉ The Middle East Research Competition (MERC) Grant, The Center for the Study of Developing Countries (CICS), Faculty of Economics and Political Science, Cairo University, Cairo, Egypt in collaboration with Ford Foundation, Grant for 18 months: (March 2003 - September 2004).
- ◉ The Middle East Research Competition (MERC) Grant - The Lebanese Centre for Policy Studies (LCPS) - Beirut- Lebanon in collaboration with Ford Foundation, Grant for 18 months: February 2003 - August 2004.
- ◉ The Ford Foundation Grant for participating at the Cambridge Advanced Programme on Rethinking Development Economics (CAPORDE 2004). Organized and hosted by Development Studies Committee and Queens College at Cambridge University, United Kingdom, June 29, 2004 - July 15, 2004)

## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- The Economics Research Forum for the Arab Countries, Iran and Turkey (ERF) Fourth Round Research Competition Grant in collaboration with the World Bank Development Grant Facility (DGF) and the Global Development Network (GDN) Regional Research Grants Competition, Grant for 17 months: (January 2005 - June 2006).
- The Economics Research Forum ERF - University of Minnesota Fellowship Programme in Gender, Work and the Family in the Middle East and North Africa - funded by The (Andrew Mellon Foundation, USA, Fellowship for six months: August 2002 - January 2003).

## AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

- ◉ The African Studies Centre (ASC) Post-Doctoral Visiting Fellowship Programme, Leiden University, Leiden, the Netherlands May 05, 2009- July 30, 2009.
- ◉ African Economic Research Consortium (AERC) Research Grant for Collaborative Research Project on Impact of China-Africa aid relations: The case of Sudan. Grant for Eight months January- August 2009. Nairobi, Kenya
- ◉ The Council for the Development of Social Science Research in Africa (CODESRIA) Small Grants for Thesis Writing Programme. Small grant for two years: 1997-1999. M.Sc. in Economics.

# ECONOMIC CONSULTANCY

- ◉ Economics Consultant for the UNESCO "Arab States Chapter - UNESCO Science Report (USR) in the World, 2015", UNESCO, Paris, France, (May 2014-November 2015).
- ◉ Economic Consultant for the European Investment Bank, (EIB, Luxembourg) Research Project "Overview of Knowledge Transfer in MENA Countries-Egypt" from November 2011 to April 2012.
- ◉ Economic Consultant for the UNDP Third Arab Knowledge Report (2014) (Youth and localization and transfer of Knowledge in the Arab region) (April 2013-June 2014)
- ◉ Economic Consultant for "African Capacity Report 2017: Building STI Capacity in Africa," African Capacity Building Foundation (ACBF) (March 2017)

# ECONOMIC CONSULTANCY

- ◉ Economic Consultant for the International Labor Organization (ILO) Regional office for the Arab countries, Cairo, Egypt, and International Labor Organization (ILO) Headquarter office, Geneva, Switzerland, Consultancy Research project "High-Level independent evaluation of ILO Decent Work Country Programme Strategies in Sudan and North Africa," (March 01, 2014- July 31, 2014).
- ◉ Economic Consultant for the United Nations Population Fund Regional office for the Arab countries, Cairo, Egypt, and the Organization for Economic Cooperation and Development (UNFPA-OECD), Paris, France, Consultancy Research project "Mobilising Migrants' Skills for Development in the MENA Region. Making the most out of young migrants skills" (December 20, 2012- May 20, 2013).



# SCIENTIFIC MEMBERSHIP

- ◉ Member of the advisory and reading committee for the United Nations Development Programme (UNDP) Third Arab Knowledge Report (2014), (October 2012- June 2014).
- ◉ Member of the editorial team of Unit of Sudan, African Development Perspective Yearbook "Science Technology and Innovation Policy for Inclusive Growth in Africa," Vol. 20, Institute for World Economics and International Management, University of Bremen, Germany (forthcoming 2017).
- ◉ Member of collaborative research group between University of Khartoum and Chr. Michelsen Institute, (CMI), Bergen University, Bergen, Norway, (May 2017, up to date)
- ◉ Member of the Advisory International Experts Team for the project "Developing an Innovation Scoreboard for the MENA region," European Investment Bank (EIB) (Luxembourg), and (CMI), Marseille, France (March 2015).

# SCIENTIFIC MEMBERSHIP

- ◉ Member of author's team (co-author) for the Arab States Chapter of the United Nations Educational, Scientific and Cultural Organization (UNESCO) Science Report in the World, November 2015", UNESCO, Paris, France, (May 2014-November 2015).
- ◉ Member of the Global Network for Economics of Learning, Innovation and Competence Building Systems (GLOBELICS) (Aalborg, Denmark, June 2008, up to date)
- ◉ Member of World Association for Sustainable Development (WASD) Experts (Brighton, United Kingdom): (January 2016, up to date).
- ◉ Member of the Global Center for International Development Evaluation Professionals (Global-CIDEP) Network (Washington, United States and Geneva, Switzerland): (January 2016, up to date).
- ◉ Member of the Arab Network for Knowledge and Sustainable Development (ANKSD), UNESCO Regional Bureau for Sciences in the Arab States, Cairo, Egypt. (Founding Member) (May 2016 - up to date).
- ◉ Member of the network, Arab Scientific Community Organization (ARSCO), Doha, Qatar (May 2015- up to date).

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Nour, Samia (2016a)**, "The impact of ICT in public and private universities in Sudan," *the Journal of the Knowledge Economy*, Springer, New York, USA, (published online, December 2016). (English). DOI::10.1007/s13132-016-0429-x.
- ◉ **Nour, Samia (2015a)**, "Overview of knowledge economy in the Arab region," *the Journal of the Knowledge Economy*, 2013, Springer, New York, USA, Vol. 6, No. 4, December, 2015, pp. 870-904. (published online: 23 April 2013) (English). DOI: 10.1007/s13132-013-0153-8.
- ◉ **Nour, Samia (2015b)**, "The economic importance and impacts of intellectual property rights (IPRs) in Sudan," *African Journal of Science, Technology, Innovation and Development*, : Routledge: Taylor and Francis Group Ltd., London, UK, Vol. 7, No. 2, 126-143 (June 2015). (English). DOI: 10.1080/20421338.2014.903014.

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Nour, Samia (2015c)** "Overview of Technology Transfer in Manufacturing Industries in the Arab Countries: the case of UAE and Sudan" *the International Journal of Sudan Research (IJSR)*, Vol. 5 No. 1, 2015, pp. 1-24, World Association for Sustainable Development (WASD), Brighton, United Kingdom.
- ◉ **Nour, Samia (2014a)**, "Regional Systems of Innovation and Economic Structure in the Arab Region:," *the Journal of the Knowledge Economy*, 2014, Springer, New York, USA, Vol. 5, No. 3, September 2014: 481-520. (Published online: April 24, 2014) (English). DOI: 10.1007/s13132-014-0196-5.
- ◉ **Nour, Samia (2014b)**, "The importance (impacts) of knowledge at the macro-micro levels in the Arab Gulf countries," *the Journal of the Knowledge Economy*, 2014, Springer, New York, USA, Vol. 5, No. 3, September 2014: 521-537. (published online: March 28, 2014) (English). DOI: 10.1007/s13132-014-0191-x.

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Nour, Samia (2014c)** "Prospects for transition to a knowledge-based economy in the Arab region" *World Journal of Science, Technology and Sustainable Development*, Vol. 11, No. 4, September 2014: pp.256 - 270: Emerald Group Publishing Limited, United Kingdom. (English). DOI:
- ◉ **Nour, Samia (2014d)** "Assessment of gender gap in Sudan," *the International Journal of Sudan Research (IJSR)*, Vol. 4 No. 1, 2014, pp. 7-35 World Association for Sustainable Development (WASD), Brighton, United Kingdom.
- ◉ **Nour, Samia (2014e)** "Transition to a Knowledge- Based Economy in the Arab Region," *the International Journal of Innovation and Knowledge Management in Middle East and North Africa (IJKMMENA)*, Vol. 3 No. 2, 2014, pp. 125-145. World Association for Sustainable Development (WASD), Brighton, United Kingdom.:

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Nour, Samia (2013a)**, "The Incidence and Transfer of Knowledge within the Arab Societies," *the Journal of the Knowledge Economy*, Springer, New York, USA, Vol. 4, No. 4, December 2013, pp. 406-422. (published online: 11 January 2012) (English). DOI: 10.1007/s13132-011-0082-3.
- ◉ **Nour, Samia (2013b)** "Science, Technology and Innovation Policies in Sudan" *African Journal of Science, Technology, Innovation and Development* : Routledge: Taylor and Francis Group Ltd., London, UK, Vol. 5, No. 2, 153-169, April 2013, published on line June 03, 2013). (English).
- ◉ **Nour, Samia (2012a)**, "Assessment of science and technology indicators in Sudan," *the Journal of Science, Technology and Society*, Vol. 17; No. 2; July 2012, pp. 321-352, SAGE Publications, Los Angeles/London/New Delhi/Singapore/Washington DC,. (English). DOI: 10.1177/097172181101700206

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Nour, Samia** (2011a) "National, Regional and Global Perspectives of Higher Education and Science Policies in the Arab Region" *Minerva: A Review of Science, Learning and Policy*, Springer, December 2011 Minerva, Springer, Germany, December, Vol. 49, No. 4, December 2011, pp. 387-423. (English).
- ◉ **Nour, Samia** (2011b), "Assessment of the impacts of oil: Opportunities and challenges for economic development in Sudan," *the Journal of African Review of Economics and Finance*, 2011, African Center for Economics and Finance, Published by Print Services Unit, Rhodes University, Grahamstown, South Africa, Vol. 2, No.2, June 2011, pp. 122-148. (English).

# PUBLICATIONS LIST: JOURNAL ARTICLES

- ◉ **Muysken, Joan and Nour, Samia** (2006), "Deficiencies in Education and Poor Prospects for Economic Growth in the Gulf Countries: The Case of the UAE," *The Journal of Development Studies*: Routledge: Taylor and Francis Group Ltd., UK, Vol. 42, No. 6, August 2006, pp. 957-980. (English).
- ◉ **Nour, Samia** (2005a, "Science and Technology (S&T) Development indicators in the Arab Region: A comparative Study of countries," *The Journal of Science, Technology and Society* (SAGE Publications), Vol. 10; No. 2; September 2005; pp. 249-274 (English).



# PUBLICATIONS LIST: BOOKS

- ◉ **Nour, Samia (2016c)**, "Economic Systems of Innovation in the Arab Region," (Book published in March 09, 2016, Palgrave Macmillan, New York, USA), (English).
- ◉ **Nour, Samia (2015d)**, "Information and Communication Technology in Sudan: An Economic Analysis of Impact and Use in Universities," (Book published in March 14, 2015, *Springer Series Contributions to Economics*, Springer International Publishing, AG, Cham, Switzerland), (English).
- ◉ **Nour, Samia, (2013k)**, "Technological Change and Skill Development in Arab Gulf Countries,"(Book published in *Springer Series Contributions to Economics*, December 16, 2013, Springer International Publishing, AG, Cham, Switzerland, (English).
- ◉ **Nour, Samia, (2013j)**, "Technological Change and Skill Development in Sudan," (Book published in February 28, 2013, Springer, Berlin, Heidelberg, Germany), (English).

# PUBLICATIONS LIST: CHAPTERS IN BOOKS

- ◉ **Nour, Samia (2017e)** "The National Innovation System in Sudan - Is it enhancing national competitiveness and contributing to a higher business performance?" Chapter submitted for publication in **Karl Wohlmuth et al. (eds.) (2017)** "*African Development Perspective Yearbook "Science Technology and Innovation Policy for Inclusive Growth in Africa,"*" Volume 20, Institute for World Economics and International Management (IWIM), the University of Bremen, Germany (forthcoming October 2017).
- ◉ **Nour, Samia (2017f)** "Innovation in Industrial Firms in Sudan" Chapter submitted for publication in **Karl Wohlmuth et al. (eds.) (2017)** "*African Development Perspective Yearbook "Science Technology and Innovation Policy for Inclusive Growth in Africa,"*" Volume 20, Institute for World Economics and International Management (IWIM), the University of Bremen, Germany (forthcoming October 2017).

# PUBLICATIONS LIST: CHAPTERS IN BOOKS

- ◉ **Nour, Samia (2016b)** "Characteristics of Innovation in the Arabic Countries" Chapter 25 in **Latif Al-Hakim, Xiaobo Wu, Andy Koronios and Yongyi Shou (eds.)**(2016) "Handbook of Research on Driving Competitive advantage through Lean and Disruptive Innovation," Book published in May 2016, IGI Global Publishing, Hershey, USA (May 2016).
- ◉ **Nour, Samia (2006a)**, "ICT Opportunities and Challenges for Development in the Arab Region," Chapter 8 in A. P. D'Costa (ed.) "The New Economy in Development: ICT Challenges and Opportunities" series of Technology, Globalization, and Development, Vol. 2, Palgrave Macmillan's, UK-USA, September 2006, pp. 161-187. (English).

# EXTERNAL ASSESSORS COMMENTS

- ◉ The applicant is one of the first authors discussing the relation between skills competences and technology.
- ◉ Both in theoretical and empirical terms with a focus on less developed countries.
- ◉ Her amazingly large list of publications including both books with well-known publishers and articles in refereed academic journals.
- ◉ Her attendance at numerous conferences where she was invited to present and discuss her research.
- ◉ The many scholarships she obtained to work in various countries abroad .

## *EXTERNAL ASSESSORS COMMENTS*

- ◉ The applicant is now leading expert on science innovation and technology systems and policies in the world looking at country cases as well as comparative country analyses.
- ◉ She has further developed the concept of national innovation systems and has applied it to Arab countries and as well to Sudan.
- ◉ Her approach is based on a deep structural analysis although she includes also incentives, institutions and information issues.

## EXTERNAL ASSESSORS COMMENTS

- ◉ For comparative analyses she enriches the format for comparative country -specific preconditions, endowments and structural conditions.
- ◉ Distinctive is also the strong empirical base of her work , guided by the new growth and innovation theories.
- ◉ Most important is the fact that the applicant has raised awareness among Arab researchers and policymakers how important STI systems and policies are for the future of the countries in the MENA region.

## EXTERNAL ASSESSORS COMMENTS

- ◉ In this regard she is extremely active and effective, as she is regarded as an international authority and counts on the key international organizations, like UNESCO , which have a mandate in this field.
- ◉ Her advice is asked and used also by so many other institutions, and these are the leading institutions in the field . Because of her continuous research work and the public awareness created about these issues it became quite clear that the transformation of Arab states and societies towards knowledge-generating and knowledge-using countries is underway. It is acknowledged that this process is must also for oil -producing Arab countries.

# EXTERNAL ASSESSORS COMMENTS

- ◉ The applicant is a researcher of international recognition. She is strong in research , in promoting international discourse, in supervising students, in initiating research programmes, in exchanging with leading international scholars, and in creating public awareness for the important field of STI policies.
- ◉ There are no doubts that she is very qualified to be promoted to the position of a professor as she fulfils all the requested criteria to very high extent. The university of khartoum can be very proud to have her in its cadre . She contributes to the international recognition of the university of Khartoum.