



Curriculum Vitae

Name: Dr. Tarig Osman Khider

Academic Position: Associate Professor- Forestry, Pulp and Paper Technology

Religion and Nationality: Islam- Sudanese

Date and Place of Birth: 9/8/1963- Omdurman-Sudan

Language: English and Arabic

Permanent Address: South Khartoum- Elsaganaa- No 12 Square 5

Telephone: +249922240925 - +249114376510 - +2491166944

General Education:

1981-1984 New Khartoum Higher Secondary School

1977- 1980 South Khartoum Intermediate School

1970- 1976 South Khartoum Primary School

Scientific Qualifications:

Ph.D. in Forestry - Pulp and Paper Technology- University of Khartoum 2001.

Title of the thesis “Pulping Potentialities of some non woody Plants from Sudan

M.Sc. in Agriculture- Forestry department. University of Khartoum 1995.

Title of the thesis “Pulping Potentialities of some Wood Species from Central Sudan.

B.Sc. (Hons.) Natural Resources and Environmental Studies- Forestry- University of Juba 1991.

Work Experience:

- **Dean**, College of Applied and Industrial Sciences- University of Juba

2005- January 2011. <http://WWW.juba.edu.sd>

- **Deputy Dean**, College of Applied and Industrial Sciences University of Juba (2004- September 2005)
- **Coordinator of Diploma** Studies, College of Applied and Industrial Sciences- University of Juba – 2003-2004.
- **Associate Professor**, University of Bahri, July 2012 up to date
- **Assistant Professor** –Pulp and Paper Technology (August 2001-2012)
- **Lecturer** in Pulp and Paper Technology 1997-2001.
- **Researcher** in University of Hamburg (Germany)-Pulp and Paper May 1999- September 1999.
- **Co-Researcher** in National Forest Cooperation –Khartoum 1993-1997
- **Researcher** in National Centre for Research- Khartoum Sudan 1995-1997

Present Position: Associate Professor in Pulp and Paper – University of Bahri

Academic Activities:

- Member of committee revised curriculum and syllabus of a number of Science colleges in governmental and nongovernmental Universities- Sudan- Basic Science Committee- National Council of Higher Education.2005-2011.
- Monitoring the academic activities (theoretical teaching and practical work) of Science base colleges in governmental and nongovernmental Universities -Sudan through the Basic Science Committee- National Council of Higher Education.2005-2011.
- Head of Academic Committee for revising the curriculum and syllabus of first, second, third years Science base colleges (College of Applied Sciences, College Natural Resources and Environmental Studies, College of Education, College of Engineering and College of Medicine)- University of Juba, Relocation in Juba City 2009.
- Member of Academic Committee for revising the Curriculum of college of Applied and Industrial Sciences- University of Juba 2003.

- Member of Academic Committee for establishing the curriculum and syllabus of first year Department of Computer Studies – University of Juba 2008.
- Establishment and preparation of curriculum and syllabus for Pulp and Paper Department-College of Applied and Industrial Sciences- University of Bahri- Sudan-2012.

Research Activities:

- Reviewer for Process Biochemistry journal Elsevier B.V. ISSN 0032-9592
- Senior Member for Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES). (Registered No.: 52577283-001-07-10-2) Central, Hong Kong, <http://www.cbees.org/member.htm>.
<http://www.cbees.org/conf.htm>
- Member of advisory board of International Journal of Current Engineering and Technology ISSN : 2277 – 4106 inpressco.com
- Member of International Journal of Advances in Applied Sciences (IJAAS) ISSN: 2252-8814. [Iaesjournal.com](http://iaesjournal.com)
- Member of International Journal of Renewable Energy Development (IJRED)- ISSN : 2252-4940. www.ijred.com
- Member of IJENS-RPG , IJENS Researchers Promotion Group.
International Journal of Basic & Applied Sciences ISSN: 2077-1223 (Online) 2227-2720 (Print). International Journal of Engineering & Technology, ISSN: 2077-1185 (Online) 2227-2712 (Print). International Journal of Civil & Environmental Engineering, ISSN: 2077-1258 (Online) 2227-2763 (Print). www.ijens.org
- Member of Editorial Board of Sacha Journal of Environmental Studies(SJES)ISSN 2045-8479 (Print) ISSN 2045-8487 (Online) Publisher: Sacha International Academic Journals www.sachajournals.com. London England.
- Member of Editorial Board of Journal of Basic & Applied Sciences Lifescience Global, ISSN: 1814-8085 / E-ISSN: 1927-5129.
www.lifescienceglobal.com

- Member of Editorial Board of Asian Journal of Natural and Applied Sciences, Oyama, Japan. ISSN:2186-8476, ISSN:2186-8468 Print [URL:http://www.ajsc.leena-luna.co.jp/](http://www.ajsc.leena-luna.co.jp/)
-
- Member of Editorial Board of Continental Journal Applied Sciences, Wilolud Journals ISSN: 1597 – 9928 <http://www.wiloludjournal.com>
-
- Member of Editorial Board of International Journal of Scientific and Technology Research (IJSTR) ISSN 2277-8616 www.ijstr.org
-
- Acting as Reviewer in International Journal of Scientific and Technology Research (IJSTR) ISSN 2277-8616 www.ijstr.org
-
- Acting as Reviewer in Industrial Crops and Products, International Journal ISSN: 0926-6690 Copyright: Elsevier B.V.
-
- Acting as Reviewer BioResources ISSN: 1930-2126, is a peer-reviewed online journal devoted to the science and engineering of lignocellulosic materials. University of North Carolina State University - College of Natural Resources
-
- Acting as Reviewer in World Applied Science Journal, International Journal ISSN 1818-4952- IDOSI Publications.
-
- Supervise M.Sc. Student in Pulp and Paper Industry and Technology- University of Juba 2006-2011.
-
- Supervise number of undergraduate students (5th year Graduation Projects) in departments Pulp and Paper, Food and Sugar- College of Applied and Industrial Science –University of Juba-2001-2011.
-
- Supervise number of undergraduate students (5th year Graduation Projects) in department Pulp and Paper –College of Applied and Industrial Science- University of Bahri- Sudan 2012.

Courses:

General Botany, Plant Morphology, Plant Physiology, Plant Anatomy
 Wood Chemistry, Wood Physics, Pulp and Paper Technology,
 Coating , Printing, Bleaching, Papermaking.

Skills: Good command and familiarity with windows and office application, in addition to other packages including SPSS, and the internet accesses Scientific Sites

Hobbies: Chess

- Membership:**
- 25- **Member of Editorial board** of Journal of Applied Environmental and Biological Sciences (JAEBS). ISSN: 2090-4215 www.textroad.com
 - 24- **Member of Editorial board** of International Journal of Basic and Applied Chemical Sciences (JCS). ISSN: 2277-2073 <http://www.cibtech.org/jcs.htm> (CIBTech)
 - 23- **Member of Executive Editors board** of Journal of Basic and Applied Scientific Research (JBASR), Text Road Journals ISSN:2090-424x. www.textroad.com
 - 22- **Member of Editorial board** of International Journal of Scientific Research and Application (Ijsra).IJSRA publishing- ISSN: 2334-6051. ijsra.com
 - 21- **Scientific technical committee and Editorial board member** of International Journal of Computing Academic Research.
 - 20- **Editor and member of Advisory board** of Asian Transactions Publish Journals of Engineering, computing, Sciences and Technology. www.asian-transactions.org
 - 19-**Senior Editor of British Journal of Advance Academic Research-** Sacha Journals- ISSN 2050-6023 (ONLINE) ISSN 2050-6015 (PRINT) Sacha International Academic Journals www.sachajournals.com. London - England
 - 18- **Editor –in-Chief** of Journal of Forest Products and Industries (JFPI). <http://www.researchpub.org/journal/jfpi/jfpi.html>. Research Publisher Inc. (ResearchPub: www.researchpub.org). 3964 Rivermark Plz #129, Santa Clara, CA 95054
 - 17- **Member of Editorial board** of Global Journal of Bio—Science and Biotechnology -(GJBB), scienceandnature.org. Society for Science and Nature (SFSN).

- 16- Member of Editorial board (**Section Editor**) of International Journal of Evaluation and Research in Education (IJERE). ISSN: 2252-8822.
iaesjournal.com
- 15- **Section Editor (Editor –in-Chief)** for Journal Advances in Life Science and its Applications (ALSA). ALSA ©: World Science Publisher United States
- 14- **Senior Member** for Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES). (Registered No.: 52577283-001-07-10-2) Address: Room5, 6/F., Shun On Commercial Building, 112-114 Des Voeux Road, Central, Hong Kong, Email: admin@cbees.org Tel: 00852-30697291 <http://www.cbees.org/member.htm>.
<http://www.cbees.org/conf.htm>
- 13- **Advisory board** of International Journal of Current Engineering and Technology ISSN : 2277 – 4106 inpressco.com
- 12- Member of Editorial Board (**Section Editor**) of International Journal of Advances in Applied Sciences (IJAAS) ISSN: 2252-8814.
[Iaesjournal.com](http://iaesjournal.com)
- 11- **Member of Editorial Board** of International Journal of Renewable Energy Development (IJRED)- ISSN : 2252-4940. www.ijred.com
- 10- **Member of IJENS-RPG**, IJENS Researchers Promotion Group.
International Journal of Basic & Applied Sciences ISSN: 2077-1223 (Online) 2227-2720 (Print). International Journal of Engineering & Technology, ISSN: 2077-1185 (Online) 2227-2712 (Print).
International Journal of Civil & Environmental Engineering, ISSN: 2077-1258 (Online) 2227-2763 (Print). www.ijens.org
- 9- **Member of Editorial Board** of Sacha Journal of Environmental Studies (SJES) ISSN 2045-8479 (Print) ISSN 2045-8487 (Online) Publisher: Sacha International Academic Journals www.sachajournals.com. London England.
- 8- **Member of Editorial Board** of Journal of Basic & Applied Sciences Lifescience Global, ISSN: 1814-8085 / E-ISSN: 1927-5129. **7-**
www.lifescienceglobal.com
- 7- **Member of Editorial Board** of Asian Journal of Natural and Applied Sciences, Oyama, Japan. ISSN:2186-8476, ISSN:2186-8468 Print
[URL:http://www.ajsc.leena-luna.co.jp/](http://www.ajsc.leena-luna.co.jp/)

- 6- **Member of Editorial Board** of Continental Journal Applied Sciences, Wilolud Journals ISSN: 1597 – 9928 <http://www.wiloludjournal.com>
- 5- **Member of Editorial Board** of International Journal of Scientific and Technology Research (IJSTR) ISSN 2277-8616 www.ijstr.org
- 4- Acting as **Reviewer** in International Journal of Scientific and Technology Research (IJSTR) ISSN 2277-8616 www.ijstr.org
- 3- Acting as **Reviewer** in Industrial Crops and Products, International Journal ISSN: 0926-6690 Copyright: Elsevier B.V.
- 2- Acting as **Reviewer** BioResources ISSN: 1930-2126, is a peer-reviewed online journal devoted to the science and engineering of lignocellulosic materials. University of North Carolina State University - College of Natural Resources
- 1- Acting as **Reviewer** in World Applied Science Journal, International Journal ISSN 1818-4952- IDOSI Publications.

Published Papers

- 17- Osman T. Elsaki , Selim Otuk, and **Tarig O. Khider** (2012). Sulfur-free pulping of *Crateva Adansonii* from Sudan. **Journal of Forest and Industries** 1(1):23-26. Research publisher USA
- 16- **Tarig Osman Khider**, Osman Taha Elzaki, and Safaa Hassan Omer (2012) Pulping with additives of *Typha domingensis* Stems from Sudan. **Suranaree Journal Science and Technology**, 19(1):43-53.
- 15- Safaa Hassan Omer, **Tarig Osman Khider**, Osman Taha Elzaki. (2012) Pulping potential of *Ricinus communis* stems from Sudan. **American Science** 8(6): 390-395. (ISSN: 1545-1003). <http://www.americanscience.org>.
- 14- **Tarig Osman Khider**, Safaa Omer, Osman Taha, Suhair Kamal Shomeina. (2012). Suitability of Sudanese Cotton Stalks for Alkaline Pulping with Additives. **Iranica Journal of Energy & Environment** 3 (2): 167-172. ISSN: 2079-2115. 10.5829/idosi.ijee.2012.03.02.7094375. IJEE an Official Peer Reviewed Journal of Babol Noshirvani University of Technology
- 13- **Tarig Osman Khider**, Safaa Omer, Osman Taha, Suhair Kamal Shomeina (2012). Ecologically friendly alkaline pulping of pigeon pea stalks from Sudan. **Researcher**, 4(4): 88-95. ISSN: 1553-9865. <http://www.sciencepub.net/researcher>
- 12- Osman Taha Elzaki, **Tarig Osman Khider** and Safaa Hassan Omer and Suhair Kamal Shomeina (2012). Environment friendly alkaline pulping of Albizia lebeck from Sudan. **Nature and Science**, 10(4):76-82. ISSN: 1545- 0740 <http://www.sciencepub.net/nature>

- 11- Osman Taha Elzaki, **Tarig Osman Khider** and Safaa Hassan Omer (2012). Pulp and papermaking characteristics of *Cajanus Cajan* from Sudan. **American-Eurasian Journal of Agricultural and Environmental Science**, 12 (2): 159-163. ISSN 1818-6769 © IDOSI Publications.
- 10- **Tarig Osman Khider**, Safaa Hassan Omer and Osman Taha Elzaki (2012). Pulping and Totally Chlorine Free (TCF) Bleaching of *Acacia mellifera* from Sudan. **World Applied Sciences Journal**, 16 (9): 1256-1261. 2012, ISSN 1818-4952 © IDOSI Publications.
- 9- **Tarig Osman Khider**, Safaa Hassan Omer and Osman Taha Elzaki (2012). Alkaline Pulping of *Typha domingensis* Stems from Sudan. **World Applied Sciences Journal**, 16 (3): 331-336, 2012. ISSN 1818-4952 © IDOSI Publications.
- 8- **Khider, T.** Omer, S. Taha, O., (2011) Alkaline Pulping with Additives of Southern Cattail Stems from Sudan. **World Applied Sciences Journal**, 15 (10): 1449-1453, 2011. ISSN 1818-4952 © IDOSI Publications.
- 7- **Tarig Osman Khider**, Osman Taha Elzaki, and Safaa Hassan Omer (2011) Soda and soda-antraquinone pulping of *Albizia lebbek* from Sudan. **Suranaree Journal Science and Technology**, 18(4): 299-303.
- 6- Khristova, P. Kordsachia, O. Patt, R. **Khider, T.**, and Karrar I. (2006). Environmentally friendly pulping and bleaching of Bagasse. **Industrial Crops and Products** Volume 23(2) : 131-139. ISSN: 0926-6690. ELSEVIER
- 5- Khristova, P. Kordsachia, O., and **Khider, T.** (2005) Alkaline pulping with additives of date palm rachis and leaves from Sudan. **Bioresource Technology** Volume 96(1):71-85. ISSN: 0960-8524. ELSEVIER
- 4- Khristova, P. Kordsachia, O. and **Khider, T.**, (2003) Pulping potential of doum palm rachis from Sudan. **Tropical Science** Volume 43(3): 109-115. ISSN: 1556-9179. John Wiley & Sons, Ltd
- 3- Khristova, P. Kordsachia, O. Patt, R. **Khider, T.**, and Karrar, I. (2002) Alkaline pulping with additives of Kenaf from Sudan. **Industrial Crops and Products** Volume 15: 229-235. ISSN: 0926-6690. ELSEVIER
- 2- Khristova, P. Kordsachia, O. Patt, R. and **Khider, T.**, (2001). Alkaline pulping with additives of banana stems from Sudan. **Tropical Science** Volume 41(4): 208-215. ISSN: 1556-9179. John Wiley & Sons, Ltd

- 1- Khristova, P. Gabir, S. Bentcheva, S. and **Khider, T.**, (1998) Soda- AQ pulping of four Acacias from Sudan. **Cellulose Chemistry and Technology** 32: 299-307.

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Editor in chief

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6- Martin A. Hubbe Co editor

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University of Khartoum
 Graduate College
 4 OCT 2001
 Examination Section



UNIVERSITY OF KHARTOUM
GRADUATE COLLEGE

CERTIFICATE FOR HIGHER DEGREE

THIS IS TO CERTIFY THAT

(NAME) TARIG OSMAN KHIDER
 has been awarded the Degree of Ph.D. (Forestry)
 on 29.9.2001
 by the Senate of the University of Khartoum.

[Signature]
 PROF. ZEIN A. KARRAR

[Signature]
 ZEINAB EL TAHIR

Dean
 Graduate College
[Signature]
 PROF. ELSIDDIG A. E. ELSHEIKH
 Secretary For Academic Affairs

Registrar
 Graduate College

University Of Khartoum
 Graduate College
 Official Stamp
 24 OCT 2001
 Examination Section

University of Khartoum
 Secretarial For Academic Affairs
 Date 16.10.2001
 30 OCT 2001
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 Examinations



UNIVERSITY OF KHARTOUM

GRADUATE COLLEGE

CERTIFICATE FOR HIGHER DEGREE

THIS IS TO CERTIFY THAT

(NAME) TARIG OSMAN KHIDIR

has been awarded the Degree of M.Sc.(Agriculture)Forestry

on 18.10.1995

by the Senate of the University of Khartoum .

Prof. Siddig Ahmed Ismail

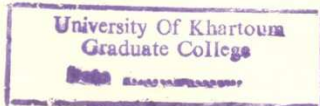
Dean
Graduate College

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And Seal of:
Signature:
Date: 2/8/1996

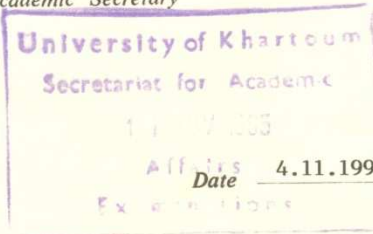
Dr. Abu-Bakr Ali Abu-Goukh
Academic Secretary

Hayat Ibrahim Habiballa

Registrar
Graduate College



Official Stamp



RE: Dr. Tarig Osman Khidir

To Whom It May Concern:

I am Senior Scientist at the Federal Research Centre for Forestry and Forest Products in Hamburg, Germany. There, I am heading the Pulp and Paper Division of the Institute for Wood Chemistry.

I know Dr. Tarig Osman Khidir from the time he has worked at the Institute for Wood Chemistry. He came to Hamburg in March 2000 for half a year to carry out extensive investigations within the context of his doctoral thesis at the University of Juba, College of Applied and Industrial Science. During his stay at Hamburg he has performed numerous cooking and bleaching experiences with different non-wood raw materials from Sudan. He applied different cooking processes, like soda, soda/AQ, AS/AQ, and ASAM cooking, and optimises the pulping conditions for each raw material. At selected pulps he carried out bleaching experiments applying totally chlorine free bleaching sequences with the use of oxygen, hydrogen peroxide and ozone as bleaching agents. This work included different methods for analysis of the produced chemical pulps, such as yield, Kappa no., metal content, composition of the carbohydrate fraction, optical and physical pulp properties

Dr. Tarig Osman Khidir showed comprehensive knowledge about pulp processing. After a short introduction in new methods he was immediately able to perform these methods independently in a perfect manner. He worked efficiently, accurately and skilful. He was always very polite, helpful and considerate towards his colleagues. For me there was never any reason for complaint.

I appreciate Dr. Tarig Osman Khidir as a hard-working, competent and innovative scientist and do not hesitate to recommend him without any restrictions. He can be expected to make further important research work in the future.

Sincerely,



Dr. Othar Kordsachia

BFH – Institut für Holzchemie – Leuschnerstraße 91 – 21027 Hamburg, Germany
Tel.: 49 40 73962 529 – FAX.: 49 40 73962 502 – e-mail: o.kordsachia@holz.uni-hamburg.de

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Prof. Dr. R. Patt
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international (4940) 73962 502

Bahnstation: Hamburg-Bergedorf

Datum und Zeichen Ihres Schreibens

Aktenzeichen (bei Antwort bitte angeben)
Pa/Kr

Datum
20.09.99

This is to certify that Mr. **Tarig Osman Khidir** from the University of Khartoum, Sudan, performed the following research work in our institute during the period of May – September, 1999:

- Pulping of the raw materials with soda, soda-AQ, alkaline sulphite-AQ, ASA-methanol methods
- Optimization of the soda-AQ pulping
- Analysis of pulping raw materials and unbleached pulps
- Blending trials with kenaf
- Bleaching with TCF methods
- Testing of the properties of unbleached and bleached pulps.

He worked in a very professional way and reported excellent results. The work he performed with us will be the basis for his Ph.D. thesis. Finally, I would like to add that I hold Tarig Osman Khidir in high esteem not only for his professional qualification, but also for his personality. We wish him all the best for his professional and personal future.


(Prof. Dr. R. Patt)

UNIVERSITÄT HAMBURG
ORDINARIAT FÜR HOLZTECHNOLOGIE
- HOLZCHEMIE -
Leuschnerstraße 91, 21031 Hamburg

khidircertific



Development Studies
and Research Centre
Faculty of Economic & Social Studies
University of Khartoum, Sudan

Programme of In-Service Training

This is to certify that

Tarig Osman Khidir

has successfully completed the following course(s):

*Project Planning & Management in
Forestry.*

23 July - 18 August 1994

Khartoum, *18.8.1994*

Saidi M
Director DSRC

Muhammad
Development Studies and Research Centre
Faculty of Economic & Social Studies

Short Course Co-ordinator

University of Khartoum

Coordination Short Courses

