

Date: Thu, 09 Oct 2008 14:54:27 +0900
From: Susumu Yasuda <yasuda@g.dendai.ac.jp>
To: G科教職員 <g-staff@g.dendai.ac.jp>
Subject: Fw:
+ CV_Sarithdej.doc
+ CV_Taweep.doc
+ CV_Tuptim.doc

G化教職員皆様

下記のようにJABEEの審査の際に外国人の方も参加させてもらいたいとの連絡がきました。特に問題ないと思いますが、何かお気づきの点がありましたら、教えて下さい。

また、先ほどの追加のメールもきましたので、続いて転送します。

10/9

安田進

Forwarded by Susumu Yasuda <yasuda@g.dendai.ac.jp>

----- Original Message -----

From: "JABEE Minamino" <minamino@jabee.org>
To: <yasuda@g.dendai.ac.jp>
Cc: <matsunuma@jsce.or.jp>, 石崎 昭男 <ishizaki@jabee.org>
Date: Tue, 7 Oct 2008 11:34:17 +0900
Subject: -----

東京電機大学理工学部建設環境工学科

教授、プログラム責任者

安田 進先生

c c 土木学会 松沼様

平素よりJABEEの認定事業にご協力いただき厚く御礼申し上げます。

JABEE事務局にて国際関係を担当しております南野と申します。

このたび、NABEEA（アジア技術者教育認定機関ネットワーク）メンバーの

タイ Council of Engineers Thailandから、

JABEE実地審査にオブザーバーとして参加したいとの申し入れがございました。

スケジュールと専門分野の調整の結果、貴プログラムの実地審査に受け入れをお願いしたく存じます。

準備にお忙しい中まことに恐縮ですが、ご承諾をいただければ幸いにございます。

審査長からは、貴プログラムがご承引されれば受け入れてもよいとの内諾をいただいております。

参加希望者は下記の3名で、加えて案内役としてJABEEより1名通訳兼ファシリテーターとして同行予定です。

① Dr. Taweep Chaisomphob, Sirindhorn International Institute of Technology（日本企業での勤務経験有）

② Dr. Sarithdej Pathanasethpong, Chulalongkorn University

③ Dr. Tuptim Ang-Kaew, Chulalongkorn University（日本への留学経験・企業勤務経験有）

CVを添付いたします。

オブザーバーは守秘義務を守り、傍観者として参加し、審査結果に関与することはありません。

オブザーバーへの説明はファシリテーターが行い、貴プログラムおよび審査チームには極力ご負担とならないよう努めます。

審査中の会話、審査に関する文書は日本語のままで結構です。

Council of Engineers Thailandは、ワシントン協定への暫定加盟を目指しており、

すでにワシントン協定のメンバーであるJABEEの審査を参考にしたいとのことで、今回の要請がございました。

JABEEといたしましても協力したいと思っております。

何卒ご理解とご協力の程、よろしくお願いいたします。

南野ショナー

日本技術者教育認定機構(JABEE)

事務局(国際担当)

minamino@jabee.org

www.jabee.org <<http://www.jabee.org/>>

〒108-0014 東京都港区芝5-26-20 建築会館 6F

TEL: 03-5439-5031 FAX: 03-5439-5033

----- Original Message Ends -----

Susumu YASUDA

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〒350-0394 埼玉県比企郡鳩山町石坂

東京電機大学理工学部建設環境工学科 安田 進

TEL. 049-296-5599, FAX. 049-296-6501, e-mail: yasuda@g.dendai.ac.jp

Date: Thu, 09 Oct 2008 14:54:34 +0900
From: Susumu Yasuda <yasuda@g.dendai.ac.jp>
To: G科教職員 <g-staff@g.dendai.ac.jp>
Subject: Fw: 実地審査 海外オブザーバー受入れのお願い
+ Resume_nasir_April08.doc

Forwarded by Susumu Yasuda <yasuda@g.dendai.ac.jp>

----- Original Message -----
From: "JABEE Minamino" <minamino@jabee.org>
To: <yasuda@g.dendai.ac.jp>
Cc: <matsunuma@jsce.or.jp>, 石崎 昭男 <ishizaki@jabee.org>
Date: Thu, 9 Oct 2008 14:37:54 +0900
Subject: 実地審査 海外オブザーバー受入れのお願い

東京電機大学理工学部建設環境工学科

教授、プログラム責任者

安田 進先生

c c : 土木学会 松沼様

いつもお世話になりありがとうございます。

JABEE事務局の南野でございます。

先日、以下のメールにて貴プログラム実地審査へ海外オブザーバーの受け入れをお願いいたしました。

その際にオブザーバーはタイから3名と申しましたが、

タイからは3名のうち2名とし、パキスタン Pakistan Engineering Council から1名

Dr. Nasir M Khanの参加をお願いしたいと存じます。(CV添付いたします)

パキスタンもNABEEAのメンバーで、タイ同様、ワシントン・アコードの暫定加盟を目指しており、
今回参加の要請がございました。

また、JABEE事務局よりファシリテーターとして私、南野が同行させていただく予定にしております。

何卒受入れのご承諾を賜りたく、よろしくお願い申し上げます。

南野ショナー

日本技術者教育認定機構(JABEE)

事務局(国際担当)

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TEL: 03-5439-5031 FAX: 03-5439-5033

CURRICULA VITAE

NAME: Sarithdej PATHANASETHPONG

ACADEMIC POSITION: Associate Professor

CONTACT ADDRESS:

Department of Mining and Petroleum Engineering
Chulalongkorn University
Phaya Thai Road, Pathumwan
Bangkok 10330 THAILAND
Tel: +66 2 2186923
e-mail: fmnspt@eng.chula.ac.th

BIRTH DATE: 19 September 1954

NATIONALITY: Thai

EDUCATION: B.Eng. (Mining Engineering), Chulalongkorn University, 1976

M.S. (Mining Engineering), University of Nevada, Reno,
U.S.A., 1980

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- Society of Petroleum Engineers
- The Engineering Institute of Thailand
- Council of Engineers, Thailand

EMPLOYMENT: From 1981 to present , conducting several mining engineering and petroleum engineering courses at Department of Mining and Petroleum engineering, Chulalongkorn University

PROFESSIONAL EXPERIENCE:

Mine Development, Mine Operations, Resources Economics,
Gas Production

ADMINISTRATIVE EXPERIENCE:

1. Head of petroleum engineering program, starting 1984 – 1995
2. Head of Mining and Petroleum Engineering Department, 1995 – 1998
3. Head of petroleum engineering program, 1998 – 2000
4. Associate Dean for Planning, Faculty of Engineering, 1999 – 2000
5. Treasurer, The Engineering Institute of Thailand, 1998 – 2001
6. Assistant to President for Policy and Planning, 1 April 2000 – 31 January 2002
7. Vice President for Student Affairs, 1 February 2002 to 31 March 2004

8. Secretary of COE Working Committee for Establishing Accreditation of Engineering Education toward Washington Accord Signatories, Since January 2008.
9. Chair of Petroleum Engineering Curriculum Administration Committee (for both undergraduate and graduate program), Faculty of Engineering, Since August 2008.

CV of Taweep Chaisomphob

Associate Professor, School of Civil Engineering and Technology,
Sirindhorn International Institute of Technology, Thammasat University

Office Address:

Sirindhorn International Institute of Technology (SIIT), Thammasat University
P.O. Box 22, Thammasat-Rangsit Post Office, Pathumthani 12121, THAILAND
Tel. : +66(2)5643221-9, +66(2)9869103-9 ext. 1902(secretary), 1907(direct), 1905(fax.)
E-mail : taweep@siit.tu.ac.th Website : www.siit.tu.ac.th

Personal Data:

Date of Birth & Place: August 5, 1961, Bangkok, Thailand
Nationality: Thai

Education:

B.Eng., (1st Class Honors) Civil Engineering, Chulalongkorn University, Thailand,
March 1982
M.Eng., Civil Engineering, the University of Tokyo, Japan, September 1984
D.Eng., Civil Engineering, the University of Tokyo, Japan, September 1987

Professional Experiences:

- Engineer of Design Department No.1, Civil Engineering Technical Division, Obayashi Corporation, Japan, October 1987 - April 1992
- Assistant Professor, Department of Civil Engineering, Sirindhorn International Institute of Technology (SIIT), Thammasat University, Thailand, May 1992 - May 1995
- Associate Professor, Department of Civil Engineering, SIIT, Thammasat University, Thailand, June 1995 – date
- Vice Rector for Academic Affairs, Thammasat University, Thailand, October 2004 – November 2007
- Board member, Pridi Banomyong International College, Thammasat University, Jan. 2008 - date
- Chairman of Civil Engineering Chapter, Engineering Institute of Thailand, Jan. 2002 – Dec. 2003
- Board member, Engineering Institute of Thailand, Jan. 2004 – Dec. 2005
- Advisor and Member of Civil Engineering Chapter, Engineering Institute of Thailand, Jan. 2008 - date
- Chairman of Subcommittee on Steel Structures, Engineering Institute of Thailand, Jan. 2008 - date
- Member of Academic Committee on Standard of Hot-rolled Steel, Thailand Industrial Standard Institute, Ministry of Industry, Jan. 2002 – date
- Member of Academic Standards, Thai Council of Engineers, June 2003 – date

Award:

- Gold Medal Price for the Highest-Score Graduate, Chulalongkorn University, June 1982
- Japanese Government Fellowship, April 1982 – September 1987
- Best Researcher (Science & Technology) of Thammasat University, June 1998
- Fellow, School of Engineering, The University of Tokyo, November 2007

Resume'

Name Tuptim Angkaew

Address 5/2 Moo 1, Petkasem Road, Bangwa, Parsrijaroen, Bangkok 10160, Thailand.
Tel (66) 02-218-6901
Fax (66)02-218-6912
e-mail feetak@kankrow.eng.chula.ac.th

Affiliation **Department of Electrical Engineering, Communication Division, Faculty of Engineering, Chulalongkorn University**
Wangmai, Phatumwan Distric, Bangkok 10330, Thailand

Gender Female

Maritual Status Single

Work & Experience

1989-1990	Part-time researcher Murata Manufacturing Company, Kyoto, Japan
1990-present	Faculty Member in Department of Electrical Engineering Faculty of Engineering, Chulalongkorn University Bangkok, Thailand
1992	Research Scientist under Japan Science Promotion Society (JSPS) - 1 month Faculty of Engineering, Osaka University
1994	Assistant Professor Faculty of Engineering, Chulalongkorn University
1994-1998	Assistant Dean on Planning and Development Faculty of Engineering, Chulalongkorn University
1995-present	Head of Electromagnetic Research Laboratory Faculty of Engineering, Chulalongkorn University
1998-2003	Deputy Head of Electrical Engineering Department on Graduate Study Faculty of Engineering, Chulalongkorn University
1998-2000	Assistant Dean on Academic Affair Faculty of Engineering, Chulalongkorn University
1999	Research Scientist under Japan Science Promotion Society (JSPS) – 1 month Faculty of Engineering, Tokyo Institute of Technology

Education	1979-1984	Bachelor in Engineering/Electrical Engineering with Second Class Honor King Mongkut's Institute of Technology , Ladkrabang, Bangkok, Thailand
	1984	Certificate in Japanese Language Osaka University of Foreign Study, Osaka, Japan
	1985-1987	Master of Engineering/Electrical Communication Engineering Osaka University/Graduate School of Engineering, Osaka, Japan
	1987-1990	Doctor of Engineering/Electrical Communication Engineering Osaka University/Graduate School of Engineering, Osaka, Japan Dissertation Title: Numerical Analysis of Electromagnetic Fields by the Finite Element and Finite Difference Methods
Honor	1984 - 1990	Recipient of Japanese Government Scholarship from Ministry of Science and Education (Monbusho)
Field of interest		<ol style="list-style-type: none"> 1. Numerical analysis and design of microwave and lightwave guiding components. 2. Finite element method and applications in electromagnetic field analysis. 3. Boundary element method and applications in electromagnetic field analysis. 4. Numerical analysis of optical transmission in optical fiber communication systems.
Journal Publications		<ol style="list-style-type: none"> 1. Kaewplung, P.; Angkaew, T.; Kikuchi, K., "Simultaneous suppression of third-order dispersion and sideband instability in single-channel optical fiber transmission by midway optical phase conjugation employing higher order dispersion management" IEEE Journal of Lightwave Technology, Volume: 21 Issue: 6 , June 2003, Page(s): 1465 -1473 2. Kaewplung, P.; Angkaew, T.; Kikuchi, K., "Complete analysis of sideband instability in chain of periodic dispersion-managed fiber link and its effect on higher order dispersion-managed long-haul wavelength-division multiplexed systems" IEEE Journal of Lightwave Technology, Volume: 20 Issue: 11 , Nov. 2002 Page(s): 1895 -1907 3. Kaewplung, P.; Angkaew, T.; Kikuchi, K., "Feasibility of 100-Gb/s 10000-km single-channel optical transmission by midway optical phase conjugation"

incorporated with third-order dispersion compensation,"
 IEEE Photonics Technology Letters, Volume: 13 Issue: 4 , April
 2001 Page(s): 293 -295

4. *M. Matsuhara and T. Angkaew*, "**Vector basis function in mixed-potential integral equation method,"**
 Electronics and Communications in Japan, Part 2, Vol-79,
 No. 10, 1996. Translated form Denshi Joho Tsushin Gakkai
 Ronbunshi, Vol.-79-C-I, No. 7, July 1996, pp. 256-260.
5. *Matsuhara, M., and Angkaew, T.* , "**Finite-element analysis of three-dimensional electromagnetic fields by the use of vector shape functions,"** Trans. IEICE Japan, Vol. J71-C, pp. 160-161, January 1988. (in Japanese)
6. *Matsuhara, M., and Angkaew, T.* , "**Analysis of waveguide with loss or gain by the finite element method,"** Trans. IEICE Japan, Vol. E-70, pp. 1398-1403, October 1988 (in Japanese)
7. *T. Angkaew and M. Matsushara*, "**An improved finite element formulation using transverse electric field or magnetic field componente for electromagnetic waveguide mode analysis ,"**
 Trans. IEICE Japan, Vol.E-70, pp. 841-846, Sept. 1987.
8. *T. Angkaew, M. Matsuhara, and N. Kumagai*, "**Finite-element analysis of waveguide modes: A novel approach that eliminate spurious modes,"**
 IEEE Trans. Microwave Theory Tech., vol. MTT-35, pp.117-123, Feb.1987
9. *Matsuhara, M, Angkaew, T. and Kumagai, N.* "**Finite element analysis of waveguide eigen-modes – a novel approach to employ the transverse electromagnetic fields,"** Trans. IEICE Japan, Vol. J69-C, pp. 548-552, May 1986.(in Japanese)

International Conferences

1. *Angkaew, T. and Kawahara, S.* , "**Convergence rate improvement in FEM modal analysis of a waveguide with re-entrant corners,"**", to be presented at 2003 Progress in Electromagnetic Research Symposium (PIERS) in Hawaii , USA, 13-16 October 2003.
2. *Kaewplung, P. and Angkaew, T.*, "**Sideband instability in the presence of periodic power variation and periodic dispersion management"**,
 Optical Fiber Communication Conference and Exhibit, 2001.
 OFC 2001 , Volume: 3 , 2001, Page(s): WDD32-1 -WDD32-3
 vol.3
3. *Charoenying, S. and Angkaew, T.*, "**Analysis of 3-dimensional optical waveguides by the FE-BPM based on Newmark scheme and PML,"** URSI Asia-Pacific Radio Science
 Conference 2001 (AP-RASC'01, Tokyo, Japan, August, 2001.

4. *T. Angkaew, "Finite element analysis of chirowaveguides by using transverse electromagnetic field formulation,"* Proceeding of Thai-Japan Joint Symposium on Microwave 1999, Pattaya, Thailand, pp.109-114.
5. *M. Sriphanlam, T. Angkaew, and M. Matsuhara "Analysis of microstrip antenna with arbitrarily shaped patch using the finite element method,"* Proceeding of the 1997 Thailand-Japan Joint Symposium on Antennas and Propagation, May 21-22, 1997, KMITL, Bangkok, Thailand, pp.133-140

Professional Society Activities

IEEE (member)
 2003 – 2004 IEEE R10 Executive Committee (GOLD coordinator)
 2003 – 2004 IEEE Thailand Section Committee (Membership Development)

IEICE (member)
 2003 – 2004 Secretary of IEICE Thailand Representative

ECTI (Thailand) member

Teaching Experience

- 12 years experience in lecturing on Engineering Electromagnetic for EE undergraduate course.
- 10 years experience in lecturing on Electromagnetic Theory in EE Graduate course.
- 8 years experience in lecturing on Optical Communication in EE Graduate course.
- 6 years experience in lecturing on Microwave Engineering for EE Undergraduate course.
- 3 years experience in lecturing on Finite Element Method in Electrical Engineering for graduate course.
- 10 years experience in lecturing on Numerical Techniques in Electromagnetic.



CURRICULUM VITAE

I. PERSONAL DATA:

✚ **Name:** NASIR MAHMOOD KHAN
✚ **Date, Place of Birth:** January 01, 1967, District Okara, Punjab Province.
✚ **Nationality:** Pakistani
✚ **Marital Status:** Married (have 3 childrens)
✚ **Passport No:** KC073581, Issued on July 11, 2003 by Pakistan's Embassy-Tokyo.
✚ **National I.D No:** 34102-0418598-7
✚ **Present Status:** Deputy Registrar (Accreditation), PEC HQ, Islamabad.
✚ **Permanent Address:** House No. 683, St 47, G-9/1, Islamabad. Tel: 051 2264699.
Cell: 0300-5575776. Email: kmnasir97@yahoo.com

II. Educational Background:

- **Ph.D in the field of Bio-Environmental Engineering (Natural Resources Management-Land & Water)**, March 2002, The University of Tokyo, Japan.
Thesis entitled on “*Analysis on Environmental Land Degradation caused by Hydro-salinity in Semi-arid Irrigated Regions*”.
- **M. Phil (Master of Philosophy) in Water Resources Management (WRM)**, April 1993, Center of Excellence in Water Resources Engineering (CEWRE), University of Engineering & Technology, Lahore, Pakistan.
Thesis entitled on “*Calibration of SALTMOD to Predict Hydro-salinity Status for Local Conditions*”.
- **B.Sc. Engineering (Agric.)**, December 1989, University of Agriculture, Faisalabad, Pakistan.
Thesis entitled on “*Studies on Aquifer Characteristics and Pumping Test Data in Faisalabad Region*”.

III. Research / Management Experience:

Attained more than 15 years national as well as international working experience in various capacities and disciplines such as; Research, Management & Development, Academics (research projects, teaching/supervision of students thesis, and quality assurance in Engg. education), Collaborative Research/Development Projects, Coordination, Report Writing (Proposals, PCR, M & E, I & A, and progress reports), Administration including Budget & Finance matters, etc. Details are as under from recent to past:

At Present: (June 2007 ~ To Date)

Working as Senior Deputy Registrar (Head Accreditation Department), Pakistan Engineering Council (PEC), Islamabad. Responsible for all relevant issues of Accreditation (from policy level of its regulations to process and implementation including international linkages development) of Engineering & Technology (Public & Private) Institutions in Pakistan in order to bring/improve the quality of engineering education adopting academic standards being practiced and recognized internationally.

Working Experience - International:

- **(June 2004 ~ June 2007):** Worked as **Deputy Resident Representative / SRE** in the overseas division (Socio-Agro-Environment Div.) of **Japanese Consulting Engineers (Nippon Gikken Inc. (NGI), Liaison office, Islamabad)**, Pakistan. My responsibilities includes to provide all services to NGI-Islamabad and head office-Tokyo in all development projects, right from project finding,

Feasibility studies, Pre-post evaluations, services for on-going projects, post-evaluation and impact assessment, and looking future potential assignments to be promoted, mainly JICA and JBIC funding projects for Pakistan. Being Dy. Representative, I am also responsible for office management, accounts maintenance, budget establishment and supervise monthly activities/schedules of regular and hired staff for different on-going projects.

- **(June 2005 ~ June 2007):** Also contributed as **Director (Operation)** for the local sister company of Nippon Gikken Inc. (NGI), named as **Development Consulting Services (DCS)**, Islamabad, Pakistan. Responsibilities includes to look after signed projects / assignments, establishing joint ventures, hunting new projects, maintaining professional relations with other consultants companies and lined agencies, office management and finance matters etc.
- **(April 2002 ~ May 2004):** Worked as a **Research Associate / Visiting Faculty/ Researcher in the University of Tokyo, Japan under JSPS** (Japan Society for the Promotion of Science) fellowship, ministry of education, culture, sports, science & technology, Japan. Working on the research project entitled “Soil Salinization and Brackish groundwater Use, its Preventive Measures based on Water Movement in Soil-Plant-Atmospheric Contemn (SPAC)”. The main objectives was to see the overall impact on agro-productivity and land degradation due to groundwater salinity and its behaviour in SPAC system to know the root-causes to plan rehabilitation measures for sustainable bio-saline agriculture system for semi-arid stressed irrigation regions. How we can have green environment on these degraded land regions using conjunctive use of polluted groundwater under controlled management measures.

Under this two years research project, two undergraduate students (final year) and one Master degree student are being co-supervised by me. I was also responsible for the management of Research Grant allocated for this project in coordination with my host Professor.

Services extended to International Scientific Communities/Forums:

- Honour to be selected as **Scientific Coordination Officer (SCO)** for the **Section-1 (Land and Water Use/Engineering) of International Commission on Agricultural Engineering (CIGR)** during the Section-1 Board meeting held in Chicago, USA, July 29, 2002, for the period of 2002~2006. Keeping close contact with all Section Board Members and facilitating the Chairperson of the Section-1(head office in the University of Tokyo, Japan) in organization of its global scientific annual sponsored and co-sponsored activities under the scope of the Section-1.
- Honour to be selected as the **first Scientific Officer (Coordination)** providing support to Secretariat office of the **International Society of Paddy and Water Environment (PAWEES)** located in Tokyo, Japan since its official establishment Jan. 2003. Provided assistance as its founding member in the initial establishment of the society in close collaboration with the leadership (President of PAWEES) initiatives provided by JSIDRE of Japan in coordination of KSAE (Korea) and CSAE (Taiwan). Served as international coordination for the secretariat office in close contact and coordination with Presidium of the Society, Board of Trustees, and selected Advisors as the heads/Director-Generals from IWMI (Colombo), IRRI (Manila) and RID (Bangkok). Worked as the **Regional Coordinator / member of the Scientific and Organizing Committee** of the International Conference on “Land-Water Environmental management, PAWEES-2005” held in Kyoto, Japan, 2005.
- Worked as the **first Scientific Officer (Editorial & Publication Coordination)** for the **international journal “Paddy and Water Environment”** which is the official publication of PAWEES since its establishment, which is published by well reputed publishers “Springer-Verlag” of Germany. Providing services in editorial management process & publication and associated matters under the supervision of Editor-in-Chief (Prof. Dr. Yohei Sato of Tokyo University, Japan) with Springer, coordination with international editorial board and Chief Managing Editor in the

management process of PWE. I also assist the **Editorial Management Board** in 1st reviewing of the Abstracts, Papers before submission to concerned Editor.

- **(April 1998 ~ March 2002):** Worked as doctoral *Research Fellow* for the research project entitled “*Analysis on Environmental Land Degradation caused by Hydro-salinity in Semi-arid Irrigated Regions*”, which involved extensive field data collection, soil sampling, GPS ground truth surveying, digitization of topographic and various layers of information/maps, GIS and SRS analysis and assessment for degraded lands caused by hydrosalinity. The main objectives was to monitor and evaluate its overall impact and root-causes on agro-productivity due to shallow groundwater of brackish quality in a tile drainage areas of Indus basin using satellite data and specialized GIS-RS approach. This research study had provided me lot of opportunities; to interact with many renowned research scholars in the relevant field, to present my work at international level, to travel abroad to many countries/regions of the world to see diversified ecology and environment.
- **(Aug. 1996 ~ Nov. 1996):** Worked as **Visiting Research Fellow** for a collaborative case study under collaboration of JIRCAS-fellowship of Japan and PARC of Pakistan on “*Land Classification and Evaluation of Soil Erosion extent in Pakistan Using Remote Sensing Data*” at **National Institute of Agro-Environment Sciences (NIAES), Tsukuba, Japan.**

Working Experience - Pakistan:

Development Projects:

- **(Jan. ~ April, 2007):** Working as **Irrigation Planning Engg. Expert** (Irrigation Rehabilitation Project at Manshera, NWFP. JBIC Funded Project.
- **(Dec.06 ~ Marc, 2007):** Working as **Project Manager** (Selection of FOs in LCC (E), Punjab for the capacity building and strengthening in O&M. JICA Funded project.
- **(Dec.06 ~Feb., 2007):** Working as **Project Manager** (Water Discharge Measuring Equipment Survey for LCC (E), Punjab. JICA Funded project.
- **(Jan ~June, 2007):** Working as **Project Manager / Authorized Representative to JICA** for Agricultural Development Study of Sanam Dam, Lower-Dir, NWFP (JICA funded).
- **(March. ~Apr, 2006):** Worked as Engineering Evaluation Expert (Water Resources Engineer) for the Evaluation/Impact Assessment of Mithanwan H.T Project, D.G. Khan, (JICA funded).
- **(Apr. ~May, 2006):** Worked as Irrigation Engineering Expert for Implementation and Rehabilitation of Irrigation System for Mansehra, (JBIC funded).
- **(Oct.~Dec. 2005):** Worked as **Team Member** for the *impact evaluation survey of Kohat Tunnel construction Project, Phase I, II, III (JBIC funded).*
- **(Oct. ~ Dec. 2005):** Worked as Team Member for impact evaluation survey of PTCL (OFS, IGE-II, SES system), JBIC funded.
- **(April ~ May 2005):** Worked for **World Bank study** as **STC (Infrastructure Engineering Expert)** to *evaluate the socio-economic impact and environmental concerns and sustainability of all Community Physical Infrastructures (CPIs) in Pakistan..* Impacts and outcomes of major initiatives of PPAF (How Effective and sustainable are CPI projects for the local community after certain period of their completion?) have been monitored and evaluated against socio-economic set indicators.
- **(Nov. ~ Dec. 2004):** Worked as **Team Leader** (Punjab & NWFP), conducted *socio-economic impact survey/study for the Special Assistance for Project Sustainability (SAPS) on rural electrification project (JBIC funded study).* This includes the Household survey, survey of the local leaders and DISCOs (distribution companies)

In Public Organizations:

- **(June 2007 – To Date)** Working as Senior Deputy Registrar (Head Accreditation Department), Pakistan Engineering Council (PEC), Islamabad. Responsible for all relevant issues of Accreditation (from policy level of its regulations to process and implementation including international linkages development) of Engineering & Technology (Public & Private) Institutions in Pakistan in order to bring/improve the quality of engineering education adopting academic standards being practiced and recognized internationally.
- **(June 1998 ~ June 1999):** Worked as *Deputy Director (Co-ordination & Management)* in Pakistan Environmental Protection Agency (Pak-EPA), Ministry of Environment & Local Govt., Govt. of Pakistan, Islamabad. Gained experience of project planning, management, office administration, coordination with public affairs related to pollution and environment control, launching campaigns to create public awareness for friendly and clean environment, checking and controlling air-pollution caused by vehicles, collaboration with provincial EPAs to implement Environmental action plans, as well as other lined agencies/ NGO's at national level working to conserve the natural and social environment to comply with Environmental Act-1997 of Pakistan.
- **(May 1993 ~ June 1998):** Have got research and administrative experience in various research projects and disciplines such as; *Water Resources Management Engineer, Scientific Officer (Resources Use Planning)* in Water Resources Research Institute (WRRI) of National Agricultural Research Centre (NARC), Islamabad, Pakistan. Gained much experience regarding soil-water conservation and management, field & vegetation survey, GPS survey, watershed management, field data collection & analysis, community participation developmental work in rural areas to integrate resources, information & decision making process using GIS/RS, development of digital Agro-ecological Atlas for provincial and country scale, Diagnostic analysis for rain-fed/Barani village development project under ABAD to see the potential for dug-well sites development & classification (based on high, medium and low potentials for ground water recharge), Database/maps development for HKH Region of Pakistan (started from Balochistan), Database/maps for cropping patterns & trend analysis, report writing, office management as well as financial matters handling.

Responsible for annual budget plan, bi-annually projects reports, management matters of staff of RUP/GIS lab etc. Conducted trainings to local NGOs technical staff in the use of GIS and RS (a fundamental course of GIS-RS application towards agriculture). Collaborated with many national and international agencies in different research and development projects, mainly like JICA & JIRCAS (Japan), ICIMOD (Nepal), IWMI, IWASRI, IUCN (Pakistan), etc.
- **(April 1992 ~ March 1993):** One-year collaborative research experience as a *Research Fellow* with Netherlands Research Assistance Projects (NRAP), Lahore, Pakistan, on hydro-salinity modelling for local conditions of Pakistan, under collaboration of Centre of Excellence in Water Resources Engineering (CEWRE), UET, Lahore, Pakistan.

V. AWARDS AND HONOURS:

- Merit scholarship during Matriculation, Multan Board, Pakistan (1980-82)
- Merit Scholarship during under graduate studies (B.Sc. Agri. Engineering.), (1988-89).
- AIT (Bangkok) Merit Scholarship for Master studies (1992)
- Merit Scholarship by University Grants Commission (UGC), Pakistan for M.Phil graduate studies (1992-93)
- Monbusho scholarship by Ministry of Education, Science & Technology, Govt. of Japan for Ph.D studies in the University of Tokyo (1998-2002).
- JSPS post-doc fellowship by Japanese Govt., The University of Tokyo (2002-2004)
- Scientific Coordinator for CIGR, Section 1 (Land & Water Use), PAWEES & PWE Journal.

VI. LANGUAGES:

English :	V. Good (Written/Reading/Spoken)
Urdu :	V. Good (Written/Reading/Spoken)
Punjabi :	V. Good (Written/Reading/Spoken)
Seraiki :	Good in speaking and under standing
Hindi :	V. Good in speaking and understanding
Japanese:	Daily conversation (Certificate courses)
Arabic :	Good in Reading and Writing with poor understandings

VII. COMPUTER SKILL:

- Good knowledge of using different windows based software like, graphic package (Excel, Lotus, Harvard Graphics) word processors (MS word, word perfect etc.), Presentation software like Power Point, Adobe Photoshop, and Illustrator etc.
- GIS/RS software like ILWIS2.2, IDRISI, with good understanding of ARC/VIEW, WINASEAN and ERDAS.
- Completed a graduate course in language FORTRAN 77 at CEWRE, UET-Lahore.
- Web page making and Internet surfing, Making and managing E-group forums/network for efficient mutual discussion etc.

VIII. PROFESSIONAL ASSOCIATION:

- Life member as Professional Engineer with Pakistan Engineering Council (PEC).
- Member of Pakistan Society of Agricultural Engineers (PSAE).
- Member of Pakistan Society of Geographical Information System (PSGIS).
- Member of Japanese Society of Irrigation, Drainage & Reclamation Engineering (JSIDRE).
- Member of Rural Planning Association of Japan (RPA).
- Founding Member and Scientific Coordinator for an international society, PAWEES, Tokyo.
- Member and Scientific Coordinator for the Chairman of an international commission, CIGR, section 1 (Land & Water Use), Tokyo, Japan.
- Member of JICA Alumni Association of Pakistan (JAAP).
- Member / Joint Secretary of MEXT Alumni Association, Pakistan (MAAP), Japanese Embassy, Islamabad.

IX. FOREIGN EXPOSURE / COUNTRIES VISITED:

Visited followings countries for various academic and research oriented assignments/tasks:
THAILAND, JAPAN, TAIWAN/TAIPE, AUSTRALIA, USA, UK, SPAIN, FRANCE, THE NETHERLANDS.

X. PROFESSIONAL TRAININGS / MEETINGS / CONFERENCES:

- National workshop on *Groundwater Quality Modelling* sponsored by IWASRI-WAPDA at CEWRE, UET-Lahore, **Pakistan** (1991).
- National workshop on *Integrated Area Development* jointly sponsored by FAO & PARC at NARC, **Islamabad, Pakistan** (1993).
- Four week fundamental training course on *Remote Sensing & GIS Applications* by the Japanese experts (JIRCAS) at NARC, **Islamabad, Pakistan** (1994).
- National Seminar on *Geo-synthetic Lining for Water Channels and Canals*, **Islamabad, Pakistan** (1994).
- South Asia Association for Regional Co-operation (SAARC) workshop on *Sustainability Issues for Agriculture* at NARC, **Islamabad, Pakistan** (1994).
- SAARC training course on *Wetland Assessment and Water Management* organised by PARC & EUAD at NARC, **Islamabad, Pakistan** (1995).
- Training course on *The Role of Project Management Software in Ensuring Successful Completion of Water Projects in Pakistan* sponsored by The British Council & ODA, organised by University of Birmingham, UK, at CEWRE, UET-Lahore, **Pakistan** (1996).

- JICA training course on *Remote Sensing Techniques (Fundamental)* at RESTEC, **Tokyo, Japan** (1996).
- Attended 6th *JIRCAS International Symposium on GIS Application for Agro-Environment Issues in Developing Regions* at **Tsukuba, Japan** (1999).
- International Symposium on *AGROENVIRON-1998* held at University of Agriculture Faisalabad, **Pakistan** (1998).
- Paper presented in *annual conference of JSIDRE*, held in **Tokyo, Japan** (1999).
- Paper presented in *annual conference of JSIDRE* held in **Tottori, Japan** (2000).
- Paper presented in *21st Asian Conference on Remote Sensing*, **Taipei, Taiwan** (2000).
- Paper presented in *annual meeting of Japanese Association of Rural Planning*, **Tokyo** (2001).
- Paper presented in the *IEEE-IGARSS 2001 international conference*, NSW, **Sydney, Australia** (2001).
- Paper presented in the *joint international world congress of ASAE and CIGR*, **Chicago, USA** (July 2002).
- Attended Executive Board meeting of international commission CIGR, Section-1 (Land & water Use), **Chicago, USA**. Nominated as Scientific Coordination Officer for the Chairman office of CIGR-1 (2002).
- Paper presented in *annual conference of JSIDRE* at **Okinawa, Japan** (2003).
- Attended meeting of the Presidium of PAWEES in the capacity of Scientific Officer (Coord) of the international society, held at Okinawa (Naha city), **Japan** (2003).
- Two papers presented at 6th *Inter-regional conference on Enviro-Water 03*, **Albacete, Spain** (Sept. 2003).
- Attended Executive Board meeting of Section-1 of CIGR in the capacity of SCO (Section-1), **Albacete, Spain** (2003).
- Poster paper presented at *IDW9 international workshop*, **Utrecht, The Netherlands** (Sept. 2003).
- Paper submitted for the 7th *Inter-regional conference on Enviro-Water 04*, **Beijing, China** (2004). Also will attend CIGR, Section-1 Executive Board meeting at Beijing, China.
- Contributing for organizing the 1st international conference on Paddy and Water Environment going to be held in **Taipei, Taiwan** (Nov. 2004).
- International conference "PAWEES-2005" organised by an International Society of Paddy and Water Environment Engineering (PAWEES) under the theme "Management of Paddy and Water Environment for Sustainable Rice Production", **Kyoto, Japan**. Nominated as member of Scientific Committee and Regional contact person for the conference.

XI. RESEARCH & PROJECT REPORTS:

- Under graduate research project report entitled "**Studies on Aquifer Characteristics and Pumping Test Data in Faisalabad Region**" submitted to the Faculty of Agricultural Engineering, University of Agriculture, Faisalabad, Pakistan (1989).
- A research report entitled "**Hydro-salinity Modelling of SCARP-I Project**" submitted to IWASRI/WAPDA, Lahore, Pakistan (1992).
- Graduate research thesis entitled "**Calibration of SALTMOD to Predict Hydro-salinity Status for Local Conditions**" submitted to CEWRE, University of Engg. & Technology, Lahore, Pakistan (1994).
- A research report entitled "**Environmental Impact Assessment Studies for Ghazi-Ghariaa Hydropower Project**" submitted to CEWRE, UET, Lahore, Pakistan (1992)
- Annual reports of **Resource Use Planning and Systems Simulations** (RUP) project submitted to PARC, Islamabad, Pakistan (1994, 1995, 1996, 1997).
- A country report on **Application of GIS and Remote Sensing in Pakistan** presented and submitted to RESTEC, Tokyo, Japan (1996).
- A case study report under collaboration of JIRCAS & PARC on "Land Classification and Evaluation of Soil Erosion of Pakistan Using Remote Sensing Data" submitted to JIRCAS, Tsukuba, Japan (1996).

- Annual research progress report submitted for the published records of Lab. of Land Resources & Environmental Engineering (Nouchi-Ken), The University of Tokyo (1999, 2000, 2001, and 2002).
- Research project Completion Report for Doctoral thesis “**Analysis on Environmental Land Degradation caused by Hydro-salinity in Semi-arid Irrigated Region**” submitted to the Monbusho and The University of Tokyo, Japan (March 2002).
- Submitted a research project entitled “**Soil salinization and Management based on Water Movement in Soil-Plant-Atmospheric System (SPAS)**” to the Japanese Society for the Promotion of Science (JSPS) of Japan (2002-2004).
- Special Assistance for Project Sustainability (SAPS) on rural electrification project (JBIC funded), Socio-economic post-evaluation impact study on Rural Electrification project, submitted to JBIC-Tokyo as a Team Leader for provincial survey team (Punjab, NWFP).
- Evaluation Report on “Impact and outcomes of major initiatives of PPAF- How effective and sustainable are Community Physical Infrastructure (CPI) projects”, submitted to World Bank, Islamabad (May 31, 2005).

XII. RESEARCH ARTICLES/PUBLICATIONS:

1. Roohi, R., **N.M. Khan**, and A. Ashraf. 1995. Use of GIS and Remote Sensing in Wetland Assessment. In Wetland Assessment and Management Training Modules. International workshop of South Asian Association for Regional Co-operation (SAARC). PARC-EUAD, Islamabad, Pakistan. pp: 3850.
2. Ogawa, S. G. Saito, N. Mino, S. Uchida, **N.M. Khan**, and M. Shafiq. 1997. Estimation of Soil Erosion Using USLE and Landsat TM in Pakistan. Proc. of 18th Asian Conference on Remote Sensing, Kualalampur, pp: R.15.1 - R.15.6.
3. Roohi, R., S. Ahmad and **N.M. Khan**. 1998. Agroclimatic Zonation of North West Frontier Province of Pakistan. Journal of Engineering & Applied Sciences. pp: 79-95.
4. Ahmad, B. and **N.M. Khan**. 1998. Streamflow Simulations of Kanshi River Using Hydrological Models. Journal of Engineering & Applied Sciences, Vol. 17, No. : 73-81.
5. Ogawa, S. G. Saito, N. Mino, S. Uchida, **N.M. Khan**, and M. Shafiq. 1998. Estimation of Soil Erosion in Semi-Arid Area Using USLE, Landsat TM and GIS. Journal of Japan Agricultural Systems Society. Vol. 14, No. 2: 94-102.
6. Roohi, R., **N. M. Khan**, A., Arshad, and Ahmad, S. 1999. Soil Erosion and Land Degradation Analysis of Pathwar Tract, Using Remote Sensing Data. Science Vision. Vol. 5, No .2: 62-66.
7. **Khan, N.M.**, Y. Sato, Y. Eiji, and M. Latif. 1999. Hydrosalinity Status Modelling for Irrigated Agricultural lands in Semi-Arid Regions. Proc. of annual conference of JSIDRE, Tokyo, Japan, pp. 204.
8. **Khan, N.M.** and Y. Sato. 2000. Simulated Impact of Alternative Water Management Scenarios for Saline Irrigated Lands. Proc. of annual conference of JSIDRE, Tottori, Japan, pp. 778.
9. **Khan, N.M.** and Y. Sato. 2000. Land Degradation Due to Hydro-salinity in Semi-Arid Regions Using GIS and Remote Sensing. Proc. of 21st Asian Conference on Remote Sensing (ACRS21), Taipei, Taiwan, Vol. 1, pp. 7-12.
10. **Khan, N.M.** and Y. Sato. 2001. Monitoring Hydro-salinity Status and its Impact in Irrigated Semi-Arid Areas using IRS-1B LISS-II Data. Asian Journal of Geoinformatics. Vol. 1, No. 3, pp: 63-73.
11. **Khan, N.M.** and Y. Sato. 2001. Hydro-salinity Appraisal and its Impact on Agricultural Vegetation in Semi-Arid Rural Areas Using Satellite Data. Proc. of the Annual Meeting of Japanese Association of Rural Planning, pp. 47.
12. Victor V. R., **N.M. Khan**, and Y. Sato. 2001. Analysis of Remote Sensing Indicators for Soils of Pakistan with the Use of GIS IDRISI. Russian Journal of Ecological Safety, Vol.2, No.15 (In Press).
13. **Khan, N.M.** and Y. Sato. 2001. Environmental Land Degradation Assessment in Semi-Arid Indus Basin Area Using IRS-1B LISS-II Data. Proc. of IEEE-IGARSS-2001, NSW, Australia, Vol-V, pp. 2100-2102.
14. **Khan, N. M.**, V. Rastoskuev, Y. Sato, Elena V. Shalina. 2001. Mapping Salt-affected Soils using Remote Sensing Indicators: A Simple Approach with the use of GIS IDRISI. Proc. of

- 22nd Asian Conference on Remote Sensing (ACRS22), Singapore, Vol. 1: 58-64. (Submitted after final Review to an international journal "Agriculture Water Management", Provisionally Accepted).
15. **Khan, N.M.**, S. Shiozawa, and Y. Sato. 2002. Evaluation of a Drainage Project through Hydro-salinity and Groundwater Quality Mapping using GIS and Satellite Data. In" Proc. ASAE-CIGR-XV World Congress, Chicago, USA (submitted to Asian Jr. of Geo-informatics).
16. **Khan, N.M.**, S. Shiozawa, Y. Sato and M. Ishikawa. 2003. Crop Response under Salinity stress- A Controlled Environment Study, Proc. JSIDRE annual conference, Okinawa, Japan, PP: 244-245, (submitted for International Jr. of Agric. Engineering of CIGR).
17. **Khan, N.M.**, B. Ahmad, M. Latif, and Y. Sato. 2003. Application of SALTMOD to Evaluate Preventive Measures against Hydro-Salinization in Agricultural Rural Areas (A case study of Faisalabad, Pakistan). Science Vision, vol. 9(1-2 & 3-4), pp. 111-118.
18. **Khan, N.M.**, 2003. Managing saline-sodic groundwater in the Indus basin. Science Vision, (Accepted).
19. Ahmad, B., **Khan, N. M.** 2003. Surface Runoff as Affected by Slope and Grass Cover. In: Proc. of 6th Inter-regional Conference on Environment-Water, Sept. 3-6, 2003, Albacete, Spain.
20. **Khan, N.M.**, Yaoka, T, S. Shiozawa, and Y. Sato. 2003. Leaf water Potential and Transpiration under Shallow Saline Watertable: Controlled Environment Study, IDW9 Workshop, Sept. 9-12, 2003, Utrecht, The Netherlands (submitted to CIGR international Jr. of Agricultural Engineering).
21. **Khan, N.M.**, S. Shiozawa, and Y. Sato. 2003. Spring Wheat under Salt Stress- A Biotron Study. Inter. Conf. On Water-Saving Agriculture and Sustainable use of land & water Resources (ICWSAWLR), Yangling, China.
22. **Khan, N.M.**, Victor V. Rastoskuev, Y. Sato, S. Shiozawa. 2004. Hydro-salinized Degraded Land's Assessment using a Simple Approach of Remote Sensing Indicators. Presented at 6th Inter-regional Conference on Environment-Water, Sept. 3-6, 2003, Albacete, Spain. (**Accepted** in Agriculture Water Management Journal).
23. Nishida K, **N. M. Khan**, S. Shiozawa. 2004. The Relationship between Leaf Water Potential and Transpiration under salinity Stress of Paddy Rice. Submitted to JSIDRE annual conference, Hokkaido, Japan.
24. Ali, G.M, **N.M. Khan**, R. Hazara, T. Mcneilly. 2004. Variability in the response of Millet (*Pennisetum Americanum* (L.) Leeke) accessions to salinity. Acta Agronomica Hungrica, 52(3), pp. 27-286.
25. Ali, G. M., Murtaza N., **N.M. Khan**, Collins, J.C. and McNeilly T. (2004). The pH stress on plant growth of *Arabidopsis thaliana* and pearl millet in NaCl and Na₂CO₃ solutions. International Journal of Food Agriculture & Environment 2 (3 & 4) 229-232.
26. Khurram B, **N.M. Khan**, Sultana B, M. Saleem. 2005. Indica rice varietal development in Pakistan: An Overview. Accepted in dec. 2006, Int. Jr. of Paddy and Water Environment.
27. I. Hassan, **N.M. Khan**, M.M. Ahmad. 2005. Raised-beds to Improve Productivity of Crops. Int. Jr. of Food, Agriculture & Environment (Submitted).
28. Ghafoor, C.A, A. Mahmood, **N.M. Khan**, A. Liaqat. 2004. Enhancing Fertilizer Application Efficiency through Mechanical Means in Wheat after Paddy. International Jr. Food, Agriculture and Environment (under REVIEW).
29. **Khan, N.M.**, Nishida K, S. Shoizawa, Y. Sato. Periodic effect of different salinity stress using saline irrigation at different growth stages for Japonica rice variety. Submitted for the annual conference of JSIDRE, Japan. (to be submitted for international jr. of Paddy and Water Environment).
30. **Khan, N.M.**, S. Shoizawa, Y. Sato. Halophytic response of Japanese Truff grass under severely hydro-saline conditions (under preparation).

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