



Know the New Inbm Team Mates

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Dr. Shabir Hussain Wani, is an Assistant Professor at the Department of Genetics and Plant Breeding, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Srinagar, Jammu and Kashmir, India. He received his B.Sc. in Agriculture from BAU Agra, India and M.Sc. in Genetics and Plant Breeding from Central Agricultural University, Manipur, India and Ph.D. in Genetics and Plant Breeding on "Transgenic rice for abiotic stress tolerance" from the Punjab Agricultural University Ludhiana India. After Ph.D. he worked as Research Associate in Biotechnology Laboratory, Central Institute of Temperate Horticulture (ICAR), Rangreth, Srinagar, India for two years up to October 2011. Since November 2011 he joined the Krishi Vigyan Kendra (Farm Science Centre) as Programme Coordinator (i/c) at Senapati Manipur India. He teaches courses related to plant breeding, seed science and technology and stress breeding and has published more than 100 papers/chapters in journals, and books of international and national repute. He is associate guest editor of Frontiers in Plant Sciences, Switzerland. He is editor of LS: An International journal of Life Sciences. He has also edited several books on current topics in Crop Improvement published by CRC press, Taylor and Francis Group, USA and Springer in 2015 and 2016. His Ph.D research fetched the first prize in North zone at National level competition in India. He got Young scientist award from the society of Promotion of Plant Sciences, Jaipur, India in 2009. He is the fellow of Society for Plant Research, India. Recently he was awarded the Young Scientist Award (Agriculture) 2015 from the Society for Plant Research at

National Conference on Plant Science Research at University of Delhi, India. Currently he is working as Visiting Scientist in department of Plant Soil and Microbial Sciences, Michigan State University, USA for the year 2016-17. He has attended several International and National conferences for presenting his research.

Mr. Maroti Arjuna Upare

International Fisheries Consultant for FAO & World Bank Projects in India and Central Asia.

Mr. Maroti Arjuna Upare is former General Manager of National Bank for Agriculture and Rural Development. He was instrumental for proactive credit policy formulation and implementation in India.

Before joining NABARD, he was Managing Director of Vidarbha Regional Fisheries Cooperative Federation Nagpur where he set up efficient cooperative network. He was born in village Velabai Taluka Wani in Yeotmal district. He also worked as Fisheries and Credit Expert in FAO. Presently, working as International Fisheries Consultant for FAO and World Bank Projects in India and Central Asia. He is Fisheries Advisor for Community-based Tank Management projects in Karnataka, Orissa, Andhra Pradesh, Telengana, West Bengal and Assam Agriculture Competitiveness Projects funded by World Bank He has guided and implemented fisheries development projects covering aquaculture, insurance, credit, microfinance, marine resources management, governance etc. by working in various countries i.e. Sierra Leone, Malawi, Vietnam, Bangladesh, Tajikistan, Uzbekistan, and Kyrgyzstan besides India in projects funded by UNDP, World Bank, FAO, and IFAD etc. He designed and implemented insurance package for marine fisheries in Sierra Leone and for aquaculture in Vietnam. He represented India in Global Conferences on aquaculture, Insurance, microfinance, marketing, livelihoods, climate change etc.





He had wide interest in education, after Postgraduate study in Fisheries Science from Central Institute of Fisheries Education, Mumbai, further he studied Law and management. He studied Fisheries Planning and Management in Hull University of United Kingdom (U.K). Gold Medal is awarded every year by his name to Merit student in Fisheries Economics in Fisheries University, Mumbai.

His publications in FAO on Microfinance for coastal fisheries, review of world aquaculture insurance, guideline for microenterprise development for inland fisheries sector are referred worldwide, about 20 publications on Fisheries Finance and Management published by FAO and fifty popular articles written in various magazines.

Patrice A. Marchand

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Dr. Marchand is an organic chemist, researcher in biopesticides specializing in natural substance. His experience includes over 20 years in analytical environmental chemistry, organic synthesis of natural products analogs, and applied research on the chemistry-biology interface. His particular area of focus is on plant extract. Research interests botanicals. He has worked extensively for 6 years on the approval of low concern natural products and light substance on EU pesticide regulation.

Dr. Marchand completed his Master's in bioorganic chemistry in 1990, and his PhD in organic synthetic chemistry in 1994 from Université Pierre et Marie Curie (UMPC, Paris 6, France). He is specialized in natural substances, has focused on their synthesis, their extraction/separation and characterization by structural analysis and finally their use in crop protection.

He spent years abroad at the Institute of Biological Chemistry at Washington State University (IBC-WSU, Pullman, WA, USA) also worked in collaboration with USDA-ARS in Pullman (WA). Later he was involved in research at Max Planck Institute for Chemical Ecology (Jena, Germany) for two years and finally a year in France with Pr. R. Robins in Nantes (EBSI) on natural products structure elucidation. After few years on environmental analytical chemistry on pesticides at CNRS, he moved to the French Research Institute for Organic Farming to work on bio protection of organic crops to realize the traditional and popular uses of natural products under the EU official phyto pharmaceutical regulation. He has also mandate for expertise at The French Agency for Food, Environmental and Occupational Health & Safety.

Prof. Dr. M. Tazul Islam

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Prof. Dr. M. Tazul Islam, is basically an agriculturist completing his Graduation, Master and Ph. D degree in Agriculture (Plant environment). He had been working as a faculty in Bangladesh Agricultural University (BAU), Mymensingh from 1975 to 31.12. 2014. As the Director, GTI, BAU, Mymensingh for two terms he successfully prepared Master Plan for GTI, (i) developed 23 curricula and/modules, (ii) equipped with teaching aids and training materials. He coordinated, managed and conducted 4 International and more than 200 National training courses at GTI from 1983 to 2011 and still working as a resource person. He managed and collected training funds from eight agencies including FAO, UNDP, ODA (DFID), DSO, USAID, and earned more than Taka 920,000//00 as revenue in first two years.

He worked as Project Director and managed the International Projects as a Director, GTI, BAU, Mymensingh viz., FAO/UNDP Assisting Project; Training on Research Management under UNDP/FAO finance; Bangladesh DSO/GTI Training and Education in Agricultural Development (BD/90/995) at GTI, BAU, Mymensingh.

On recognition of his activities as Director, GTI, BAU, Mymensingh a special report was published by GTI, BAU and another by University of Wolverhampton, UK. Before that the BAU Syndicate has also approved and granted four advance increments on account of his academic performances in different times. He had some international exposures, especially working in UK, Canada, (IARI) India, Malaysia, Indonesia, CYMMIT, Mexico, and the Philippines (IRRI) with various capacities. At present he has been appointed as a Professor, Department of Environment Science, International Non-Olympic University (INO), India, since March 25, 2014 and acting as Mentor, Everwise, USA since October 13, 2014.

He successfully completed 20 professional Training programmes of which Training on 'TOT' at U.K., 'Management' ; Training on "Biometry" at UK gave him the opportunity to utilize his talent successfully in his jobs as a university teacher, trainer, administrator of training and training Institute.

Since 1983 to 2011 he had been conducting Training need assessment, and accordingly planned and conducted trainings specially on 'Train the Trainer', as a Pioneer Trainer of (a) Teaching methodology & (b) Research Methodology for Teaching Faculties of different Universities, Research Methodology & Data Analysis for GO & NGO Researchers, Human Resource Development for NGO workers and Office Management for officers of Universities, GO and NGOs.

Dr. Valasia Iakovoglou

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Dr. Valasia Iakovoglou's, educational and research experience is related to forest science with emphasis on tree responses with an application to ecological issues. Specifically, he had investigated tree physiological responses as affected by the immediate biotic and abiotic environment under laboratory and field (natural and managed) conditions. His Master's research was in urban forestry, on 'The influence of anthropogenic impacts on tree growth for a large number of tree species as reflected by the influence of their immediate environment', which was based on spatial sampling according to a human-population gradient that was conducted in five Midwestern States, USA. His Ph.D. research was mainly on the investigation on 'The impact of seed sampling by selecting specific parents and seed sizes on the physiological and morphological characteristics of the produced seedlings in order to improve seedling quality for more successful reforestation and restoration efforts'. He also investigated the effect of altered atmospheric conditions on the metabolism of recalcitrant seeds and their further seedling performance.

He was involved in many diverse research projects which focused research on climate change and innovative ways for restoration and conservation of forest ecosystems by studying trees, with emphasis on biodiversity issues, particularly for highly vulnerable ecosystems such as protected areas. The effect of climate change was also investigated based on plant responses under controlled altered light quality levels (FP7-SME, "REGEN-FOREST"), the physiological and morphological responses of genetically modified trees (GMTs) under increased ozone atmospheric environments (Cost Action Short Term Scientific Mission, CNR in Florence, Italy, e projects of (IKYDA "NESTOS-Water") investigated the effect of climate change on biodiversity levels and plant performance for the NATURA (protected areas of European Union) riparian areas of the Nestos River Delta, the biotic and abiotic factors were also studied in relation to the production levels of agricultural and forested ecosystems (CORPERATION NSRF "VALASIA").

Furthermore, he was also involved in a policy decision making project in regards to «Biosafety of forest transgenic trees», where more than 25 courtiers participated in order to address ecological implications on the introduction of GMTs in plantations (COST "Action FP0905").

In addition he had many years of teaching experience; he was responsible for both undergraduate and graduate courses. Specifically, at the undergraduate level he was responsible for courses like a) Plant physiology, b) Plant morphology/Anatomy, c) Forest Ecology, d) Urban Forestry, e) Landscape Restoration, f) Landscape planting and Landscape Architecture, g) Managing ecosystems through Ecosystem

Based Approaches. At the graduate level I taught (in English) the courses of a) Ecohydrology in Semi-arid Regions and b) Ecohydrology and Protected Areas.

Dr. Ahmed Ibrahim Jessim

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Dr. Ahmed Ibrahim Jessim, had obtained his Ph.D. Degree in 2009 at the Department of Biology in Faculty of MM. FF. NN. Rome Tor Vergata (Italy). His Ph.D research was on "Investigation of Dinoflagellate populations and Okadaic Acid detection in a coastal lake (Middle Tyrrhenian Sea)"

He had good experience in studying Toxic algae, phytoplankton and toxic blue green algae in eukaryotic system; analysis of internalization, competition and antagonism of exotic species in water system and toxic bacteria and pathogens, isolation of different toxic algae from various samples (Water, environmental and seafood samples) and identification with molecular tools, Employed as a detector for organic pollutants by technique of thin layer chromatography (TLC) and (GC), Detecting about Fungal toxins (Aflatoxins) in seeds, at laboratories of Ministry of Trade, Baghdad- Iraq from 1993 – 2003, then as a Detector for organic and toxic pollutants and biological threats at Food safety center at ministry of Science and Technology, Baghdad- Iraq.

From April 2004 - April 2005 he was a Manger of planning and continuations in addition to scientific Work, October 2009- May 2010 worked as scientific researcher at Centre of pollutants treatment- department of bio-treatment, from May 2010 to February 2011 he worked at Centre of food contamination researches / branch of epidemic exposure. Then from February 2011 to June 2013, he worked on the toxic algal threats at the Centre of Researches and approach of water later he turned back to Food contamination research center / division of Biotoxins and was Head of Division upto June 2013. He published many papers in different journals.

Dr. Sundaramurthy, V. T

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Dr. Sundaramurthy, V. T., is an agricultural studies educator, researcher; born at Coimbatore, Tamil Nadu, India, May 12, 1939. He studied B.Sc in Agril. Sciences at Agril. Coll. & Res. Inst., Coimbatore, 1963, MSc in Agril. Entomology, 1967, PhD in Agril. Entomology, 1972. He worked as Project coordinator of All India Coordinated Research, and as Principle scientist





CICR; Assoc. Prof. Tamil Nadu Agrl. University. He contributed more than 50 articles in National and International Journals and acted as reviewer to many national and international journals. Included in as Who is Who In the world ,who is who in Science and Engineering 2016-2017., Recipient of 21st Century Achievements award, Decree of Excellence awards, National. Awards for an Extension Film on IPM, Indian Soc. Cotton Improvement award, Plant Protection Assn. India award, East India Cotton Assn. award, Dr. A.L. I Mudaliar prize of Madras University., ICAR Commendation award; named International Professional of Year., 2007, Leading Educators of World, 2007, Man of Year, 2013; named one of 2000 Outstanding Intellectuals of 21st Century(IBC,UK); ICAR fellowship. Achievements include research in Eco friendly insect management system and its effects on environment; causes for out break of white flies in cotton system, gene to gene action for outbreak of insects of agricultural importance; development of Radiological methods for tagging the NPV virus and adult insects for ecological studies ;enrichment of Co2 on insect; development of Eco friendly cotton variety and dwarf cotton hybrid, naturally colored cotton variety; causes for the failure of GM Cotton hybrid in India; Invasion of a micro lepidopteran insect pest in to Indian cotton system.

Dr. S. M. Jalil

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Born in a respectable muslim family of Barat, Rajbari, Bangladesh in 28th September, 1941, Mr.Jalil went to different schools of Rajbari, Bogra, Rangpur, Faridpur and finally obtained master of science degree from Dhaka university in 1963. Before being selected for the superior forest service cadre as Assistant conservator of forest, he served as Assistant professor of plant ecology in Jagannath college, Dhaka. On successful completion of SFS training in Peshawar Forest institute, Pakistan, he joined the forest service in 1966. He served there for over 32 years holding successive higher position and finally retired in 1998 as Chief Conservator of forest, Bangladesh. During this long period, he had wonderful opportunity to visit cities, towns, villages cereal crop land and forest of all most all the districts of the country as well as overseas countries and learned lot about local land topography, soil, water, minerals, general vegetation, culture, life style, agriculture, horticulture, forest, forest industries and over all environmental aspects. After retirement from Government service, have been working for forestry, environment and terrestrial ecosystems as honorary president of forestry and environment forum, Bangladesh –un

unregistered non –govt organization.

Academic qualification so far obtained are Ph.D, Preston university USA, in development management, M.Sc, Oxford University,U.K in forestry & its relation to land management, B,Sc (Hons), Peshawar University, Pakistan in forestry and M.Sc (Botany) & B.Sc (Botany, Zoology & Chemistry), Dhaka University. In addition to academic qualification, certificates on participating professional training so obtained are training on regional project implementation and administration, Manila, Philippines, socio economic analysis and formulation of investment proposal of watershed management, Katmundu, Nepal, monitoring and evaluation of development projects, Bangladesh planning Academy, Dhaka, forestry and its relation to land management, U.K. forest resource appraisal in forestry and land use planning, New Delhi, India, water soil and forest conservation and utilization, NSW, Australia, Superior Forest Service training, Pakistan and Field Engineering at Resalpur Military College of Engineering, Pakistan .

Seminar, workshop, meeting and conference participations were such as Bapa-Ben Special conference-sustainable development goals & environment, Dhaka, Bangladesh, Country Investment plan for Environment, Forestry and climate change-National consultation Dhaka, Bangladesh, Reimaging South Asia in 2030- ninth south Asia economic Summit, Dhaka, Bangladesh, Bapa-Ben special Conference on Coastal and Marine Environment of Bangladesh, First Bangladesh Forestry Congress 2011-International year of Forests 2011, Fifth International Botanical Conference 2011- Climate change and Sustainable Development, Top Management Seminar on Business Strategy in the context of Current Turbulent World Situation, sponsored by Rapport Bangladesh limited, Year of the Tiger Conference in USA, Regional Workshop on Participatory Forest Management, Implementation for Policy and Human Resource Development in the Hindu-Kush Himalayas in Kunming, China, Indigenous Tech. Knowledge for Watershed Management and Advisory Committee Meeting, Beijing, China, Regional wood –Energy Development Program--Advisory Committee Meeting, Bangkok, Thailand, Asia Pacific Forestry Commission Adhoc-Working group on Sustainable Forest Management, Bogor, Indonesia, Regional Expert Consultation cum Advisory Committee Meeting, Katmandu, Nepal, Forestry Sector Project Negotiation Observer, Philippines, Manila, Operational Principle on Tropical Forestry, Rural Development, BARRI, Joydevpur, Bangladesh, and Energy and Rural Development, Chaingmai, Thailand.

Study visit to countries- their land man forest and environment were Australia, Belgium, China, Denmark, France, Hongkong, India, Indonesia, Netherlands, Nepal, Pakistan, Singapore, Thailand, U.K, & USA. These were so educative that the visits covered study of topography, culture, heritage site, economic crop field, both urban and rural structure and economy, forest environment and ecosystem functions.





Dr. Wanquin Yang

Professor,

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Dr. Wanqin Yang is a professor working in Sichuan Agricultural University, China. In the past decade, Prof Yang has been focusing mainly on the above- and below-ground processes of the subalpine forest ecosystem under climate change scenarios, in particular the effects of seasonal snow cover on plant debris decomposition and soil processes. In addition, he has also concerned about the phytoremediation of the contaminated soils, and the plantation and carbon sequestration along an altitudinal gradient in the upper reaches of Yangtze River. Up to date, he has published four masterpieces and more than 200 articles in the international journals and Chinese journals as the corresponding author.

Professor Nabil S Agha

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Dr. Nabil Agha, is Professor with over 34 years of experience and landscape of GCC states. He has managed award winning landscape projects in United Arab Emirates. His expertise in environmental sciences, particularly in sustainability, natural systems assessments, conservation and preservation of native plants proved in valuable in many projects. He has been involved in establishing botanic gardens in UAE and in Jordan, where his experience in arid horticulture has proved very essential. He has developed reed beds for purification of treated sewage effluents as natural and sustainable system. Further, he has also shown expertise in mitigation of dredging and civil works harmful effects to mangrove forest trees.

Professor Agha has earned his Ph.D degree from the University of Reading, UK, (1986), which is ranked in the top 1% of best universities in the world in Agricultural Sciences and Research.

As a Post Doctoral Researcher, the University, United Kingdom, he developed a wide experience in the field of apple crop physiology.

He is Chartered Biologist and Member of the Institute of Biology, London, UK. He has been in executive positions with International consultants, as well as with major contractor companies. He is Professor of Horticulture and Landscape with British and with Middle Eastern Universities, consulting

and mentoring M.Sc and Ph.D projects.

Since 2014 to Date he is working as the Head of Landscape, Dar Al-Handasah Consultants (Shair and Partners), Doha, Qatar, monitoring the Management and supervision of Coast Guard Base Building At Daayen Landscape Project, which is of an estimated cost of QR 2 billion, of which landscape is about 10%. State of the art landscape, including hardscape, furniture of all types, water features, ornaments, pocket gardens, lighting and soft scape of many types of palms, trees, lawns, ground covers, gravel, pebbles, boulders and plants, irrigation systems and pavements. Supervision of main contractor and sub-contractors performances and all as per contract documents, drawings, design and allocated budget. Reviewing of design, alternative design, submission of materials, negotiation of budget with the client and with the contractors. Landscape program, and scheduling of work progress and submitting of reports as requested by the client and as per contract documents.

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Dr. J.N. Furze is a keen post-doctoral researcher with particular interests in multi-disciplinary approaches within plant sciences, climatic sciences, genetics, chemistry, sustainability, mathematics and computer science with current interests in fuzzy logic and related hybrid methods, Genetic Algorithms, Functional Approximation and predictive systems with ecological relevance. Since 2012 she is offering Tutorial and Consultancy service for educational and research orientated Institutes and individuals in Mathematics, Sciences, Conservation, Sustainability, Information Technology, Tutorial Services, Peer Mentoring. Since 2011, she is acting as an Academic Reviewer: Review Activities for Geographic and Scientific journals within Scientific and Academic Publishing, Journal of Horticulture and Forestry, Academic Journals; Recent Patents on Mechanical Engineering, Bentham Science Publishers; Editorial Board member of International Journal of Geography and Geology, Pak Publishing Group, Ecological Modelling, Elsevier, Coordinating Editor, Springer: 'Mathematical Advances Towards Sustainable Environmental Systems' has involved concept formation, call generation and dissemination (via colleagues and networked at multiple Universities and Institutes; additionally online publications: E.g. Research Gate, Global Education Magazine, Springer .

She worked as Parks Project Officer at London Borough of Bromley, Plant Variation Consultancy

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Ashton.

She obtained her Doctor of Philosophy (PhD), Engineering Design and Mathematics; Geography and Environmental Management; Information and Control from Faculty of Environment and Technology, University of the West of England (2011-2014). She attended and presented in several international conferences on Automation and Computing, UK, Modelling identification and control, China, Egypt. She is the recipient of '**Doctoral Dissemination Scheme Award**' from The University of the West of England, Frenchay Campus, UK (2013) for dissemination in high quality journal, '**Certificate of Publication**, Global Education Magazine, UNESCO. She had published several articles on modeling, conservation and management, algorithms in national and international journals.

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P. Rajasekhara Reddy, is working as Sericulture officer, at the Department of Sericulture, AP, Guntur, India. He held several posts as Inspector of Sericulture and Principal, Regional Training Centre Hindupur, Project officer, Urban community, Director- Centre for Urban Development studies, Administrative officer, APMEPMA. As a student of Agriculture and working experience in Sericulture, he developed passion towards Nature and Bio Resources such as medicinal herbs, non timber forest products etc and worked for promotion of Aloe Vera as a natural nutrient and curing agent for many ailments. He had a good knowledge in Non Pesticide Management process of Agriculture, Community Marketing of Agricultural Produces, Food Security of Poor families and Vermi composting. He had an excellent experience in managing staff training centre, in developing suitable modules, community mobilization, Capacity building, Managing of GIS projects, Accounting system and Audit procedures, Silk weaving, Spinning and Marketing of Silk Products along with Silk Production through Farming. He is involved in conducting various training activities of National Level Civil Services Foundation Courses in MCRHRD Institute, and has got 30 capacity enhancement trainings from reputed Institutions. He is the recipient of 9 meritorious Awards from the District Collectors and Government, and acting as a Visiting Faculty for more than 20 National level Institutions covering 46 social concepts, and as a member of 9 National & International Associations.

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Mark Arango Owidhi is working as Programme assistant at Trans-African Hydro-Meteorological Observatory, involved mainly in developing weather and climate teaching materials for TAHMO (Trans-African Hydro-Meteorological Observatory) School to School Programme and farmers' program, working closely with farmers' group in selected countries and Data analysis using SPSS, STATA, and R. He has also worked as Monitoring and Evaluation Officer/Senior Field Officer, Volunteer Programme officer, in Youth Organization for Innovation and Entrepreneurship (YOIE), Nairobi (Kenya), Research Assistant Intern in African Technology Policy Studies Network, Nairobi (Kenya), Data analyst Attachee at Department of Meteorology, University Of Nairobi, (Kenya), Meteorologist Attachee in Kenya Meteorological Department, Nairobi, (Kenya). He completed his Master of Science in Climate Change from the University of Nairobi, Nairobi (Kenya). He also acted as In-charge musical instruments Main Campus Christian Union (MCCU) University of Nairobi from **December 2011-December 2013. He has an expertise in** Modelling using PRECI model, WRF (Weather Research & Forecasting) model, CORDEX, apart from report writing and concept writing skills. He is a member of Youth Agency for Development of Science Technology and Innovation (**YADSTI**), University of Nairobi, Nairobi University Meteorological Association (**NUMA**), Kenya Meteorological Society (**KMS**).

Dr. Yahia Nouredine

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Dr. Yahia Nouredine, has obtained his Ph.D from the University of Oran, in Plant Breeding and Genetics. He is specialized in the skills of Rt-PCR, PCR, Salt Stress, Genetics, Somatic Embryogenesis, Pollen Germination, electrophoresis PAGE, Peroxidase and cold tolerance, proteins and cold tolerance, salt stress and peroxidase medicago, Electrophoresis, Proteins, Seed Storage Proteins, Development Of Molecular Markers, SDS-PAGE, Plant Abiotic Stress, Seed Germination, DNA, Gel Electrophoresis, Cloning, Cell Culture, Molecular Cloning, Protein Purification, Salinity, Genotyping, Medicago truncatula, Cold Stress, Crop Improvement, Seedling, Genetic Diversity, Seeds, Salt-Tolerance, Legumes, Forage, Crop, Callus Induction, SSR, Isoenzymes, Plant Biology, Plant Physiology, Peroxidases, Antioxidants, LES, Reactive Oxygen Species, DES, Plant Biotechnology, Plants. He holds the Scientific Memberships in Chargé de Recherche et





Membre dans le Projet PNR Laboratoire Biotechnologie des Rhizobium et Amélioration des Plantes. He has several research publications and have attended many National and International Conferences.

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Dr. Geetha Plackal Njanaseelan, has obtained her **Ph. D (Zoology-Benthic ecology)** from M.G. University, Kottayam, Kerala, and has completed her **M Phil. (Aquatic Biology and Fisheries)** in Dept. of Aquatic Biology and Fisheries, Karyavattom campus, Kerala University, Trivandrum, Kerala, India.

She attended a **Professional Development Training Course** in CREST-IIM (Indian Institute of Management), Calicut, Kerala, India. She has also completed her B.ED from NSS Hindu College, Kottayam, Kerala. She has an expertise in Estuarine, marine and freshwater benthic ecology and taxonomy, soft-coral taxonomy, water and sediment quality analysis and ecosystem health assessment studies. She held the Gratis membership Award for 2 years (2016-2018) in Society of Wetland Scientists (SWS, USA) based on a competition basis from members of different developing countries. She completed 16 online courses from international institutions

related to environment, climate change and marine ecosystems. Apart from this she also holds memberships in different national and international organizations around the world related to environmental activities. She has worked as Guest lecturer and as Junior Research Fellow, at Cochin University of Science and Technology (CUSAT), Cochin, Kerala, India.

Dr. Samuel Udo

Nigeria.

Samuel E. Udo is an Associate Professor of Phytopathology and Ethnobotany. He holds a B.Sc degree in Botany, M.Sc in Phytopathology and Ph.D in Phytopathology and Ethnobotany. He has taught at Cross River College of Agriculture, Obubra and now with the Cross River University of Technology, Calabar, Nigeria. In the university, he has been the Head, Department of Forestry and Wildlife Resources Management (2005-2008) and Department of Biological Sciences (2014-2016) .

He has published in Local and International Journals in the area of Crop Protection with Medical plants. He has worked on protection of cucurbits with commonly found medicinal plants. This research interest has led him into the area of food security and conservation. He established and runs his University Botanic Garden.

He belongs to local and international plants societies and is one of the founding fathers and he is the National President of Biopesticides Society of Nigeria. He has reasonable bias in Plant Taxonomy and Field Biology.

