# *CURRICULUM VITAE*

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| **Personal Information**  | **Name** : **Naveed Ahmad**<br>**CNIC Number** : **16202-9358324-9**<br>**Postal Address:** : **Jehangira Road, Mall Lar, District Swbai, Pakistan**<br>**Cell No/WhatsApp** : **+92-332 9033553**<br>**Email** : **naveedahmad795@gmail.com**<br>**Nationality** : **Pakistani** |
| **Academic Qualification** | **MS Remote Sensing & Geographical Information System**<br>From: **Institute of Space Technology (IST), Islamabad.**<br>Session: 2015-17, CGPA 3.4/4.00<br><br>**M.Sc Forestry (14 Years Qualification)**<br>From: **Pakistan Forest Institute, Peshawar.**<br>Session: 2013-2015, Marks: 2401/3000 (80%)<br><br>**B.Sc Forestry (14 Years Qualification)**<br>From: **Pakistan Forest Institute, Peshawar.**<br>Session: 2011-2013, Marks: 2211/2900 (76.2%) |
| **Academic Distinctions** | • Merit Certificate by University of Peshawar for Second Position in M.Sc Forestry. |
| **Interests** | • Forestry Mensuration, Management and Conservation.<br>• Remote Sensing and Geographical Information System (RS & GIS) |
| **Computer Skills and GIS Software** | • MS Office(Word, Excel, PowerPoint, Access)<br>• QGIS 2.18<br>• ArcGIS 10.5<br>• ENVI 5.3<br>• SNAP 5.0<br>• R-Studio |
| **Research Publications** | 1. Ali A, Ullah S, Bushra S, **Ahmad N**, Khan MA (2018). Quantifying forest carbon stocks by integrating satellite images and forest inventory data. Austrian Journal of Forest Science. 135. 93-118.<br>2. Imran AB, Khan K, Ali N, **Ahmad N,** Ali A, & Shah K. (2020). Narrow band based and broadband derived vegetation indices using Sentinel-2 Imagery to estimate vegetation biomass. *Global Journal of Environmental Science and Management*, *6*(1), 97-108.<br>3. Raza SH, Shafique M, Zia-ur-Rehman M, Sikandar A, **Ahmad N**, Shah, |

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| | K. (2019). Site selection of water storage based on multi-criteria decision analysis. Int. J. Hum. Capital Urban Manage., 3(4): 279-286.<br>4. **Ahmad N,** Ullah S, Ali A, Ali A, Shakir M, Ali MZ (2020)Comparative Analysis of Remote Sensing and Geostatistical Techniques to Quantify Forest Biomass; under review in iForest - Biogeosciences and Forestry**.**<br>5. **Ahmad N,** Ashraf MI, Malik SU, Malik NA, Khan K. (2020). Impact of topographic and bioclimatic factors on spatial distribution of Su-tropical and Moist Temperate Forests; under review in Géomorphologie : relief, processus, environnement.<br>6. Growth and Survival of Multipurpose Species; Assessing Success of Billion Tree Tsunami Afforestation Project, the Bonn Challenge Initiative, accepted in Applied Ecology and Environmental Research.<br>7. Khan S, Ali A, **Ahmad N,** Imran AB, Ahmed S. Integrating Landsat-8 Spectral Indices and Forest Inventory to assess Forest Landscape Restoration activities; A pilot study from Billion Tree Afforestation Project (BTAP), Pakistan, Proceeding of Pakistan Academy of Sciences (under review).<br>8. Imran AB, Ahmed S, Ahmed W, Rehman MZ, Iqbal A, **Ahmad N.** Integration of Sentinel-2 Derived Spectral Indices and In-situ Forest Inventory to Predict Forest Biomass; submitted to Pakistan Journal of Scientific and Industrial Research (under review) |
| **Experience** | • Visiting Teacher of GIS in Pakistan Forest Institute, Pakistan (February to November, 2016).<br>• Teaching Assistant (teaching forest mensuration and forest management) and Conducting Forest Inventory Field to BS Forestry Students in PMAS Arid Agriculture University, Rawalpindi, Pakistan (November, 2016 to 2018)..<br>• Sub-Divisional Forest Officer, Khyber Pakhtunkhwa Forest, Environment & Wildlife Department, Pakistan (1st April, 2019 to present). |
| **Workshops** | • Workshop on "Synthetic Aperture Radar (SAR) Remote Sensing" at Department of Space Science, Institute of Space Technology (IST), Islamabad.<br>• Workshop on "Applications of GIS and RS in Forestry" at Forest Education Division, Pakistan Forest Institute, Peshawar.<br>• Training Course on Applications of GIS and RS in Forestry at Pakistan Space and Upper Atmosphere Commission.<br>• Training Course on Protected Areas Management at Khyber Pakhtunkhwa Wildlife Department Pakistan. |