**Syeda Saleha Fatim Ali**

D/O Dr. Syed Mubashir Ali

Address: C-2/5 Sheikh Zayed Hospital, Lahore-16

Email: [saleha.ali1894@gmail.com](mailto:saleha.ali1894@gmail.com) Contact: +92-323-2588665

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Academic Record:**

**MS(RS and GIS) (2019)**

Institute of Space Technology, Islamabad

Thesis: “Hydrological modeling using Geospatial Techniques”

**BS(Honors) Space Science (2011-2015)**

University of the Punjab, Quide-e-Azam Campus, Lahore

Final Year Project: Neo-tectonics of Lower Chitral Valley (Northern Pakistan Using RS/GIS.

The project showed Active tectonics in Chitral valley with higher accuracy using different soft ware’s like ENVI, River tool, ArcGIS and MATLAB

**Intermediate FSc (Pre-engineering) (2009-2011)**

Lahore College for Women University. Lahore

**Matriculation (Computer Science) (2007-2009)**

Govt. Comprehensive High School for Girls. Lahore \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Projects:**

 Appraisal of spatial distribution of Asthmatics of Lahore District through Geospatial Techniques.

 Above ground biomass estimation of Margalla Hills National Park using RS/GIS.

 Assessment of Watershed modeling Using ArcSwat & SPHY: A Case Study from a High-Altitude Glacierized Catchment Hunza.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Software and Languages:**

ArcGIS Desktop 9.3, 10.4, ERDAS Imagine, ENVI, SNA P, MS Office, ENVI, Geomatica, QGIS.

AutoCAD “1-week course Dept. of Space Science, Punjab University Lahore August 2014”

C++, R-Script, Oracle.

**Internships:**

PAKISTAN METEOROLOGICAL DEPARTMENT Lahore, Pakistan

To investigate the behavior of the atmosphere and exploiting this knowledge for weather predictions Process Interns: August -September 2013 – Teamwork: Worked with 50 internees in PBO to complete daily tasks – Data Management: Participated in observatory, FEWS, FFD sections to manage catchment data – Communication: Provided information to Meteorological Departments of various cities.

WWF-Pakistan Lahore: Eco-Internship 2012. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Memberships**:

The Institute of Mind Sciences, Pakistan

WWF-Pakistan \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Conferences/Workshops/Seminars:**

Summer School on “Water Information Science and Systems”, LUMS 2017.

Workshop on “GIS in Asset Management and Urban Transport System” Lahore 2014.

International Conference on Space ICS-2014, COMSTECH, 12th-14th Nov 2014

Workshop on “Plate Tectonics in Pakistan using RS/GIS” Institute of Geology, Punjab University Lahore, 25th-29th August 2014.

Mind and Personality Development Training Workshop “The Fourth Dimension”, the Institute of Mind Sciences 12th Feb 2010.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Honors and Awards:**

Letter of Appreciation for Creative Abilities, WWF-Pakistan 2012

Certificate of Appreciation for successful publication of SpaceMag-2014

Letter of appreciation for managing “Space Summer School 2017”, Institute of Space Technology, Islamabad.

Judging various events related to RS/GIS in World Space Week, IST 2017.

Organized “ICASE” Nov. 2017 at SUPARCO-Islamabad.

Facilitator RS/GIS “Space Summer School= July 2018”, Institute of Space Technology,Islamabad

Worked as facilitator Remote sensing GIS “Space Summer Camp-Lahore Aug-2018”, Space Technology Education and Popularization. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_