

# Muhammad Sohaib Younis

Assistant Professor  
School of Mechanical & Manufacturing Engineering

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## About

Dr. Muhammad Sohaib Younis is working as Assistant Professor in the School of Mechanical & Manufacturing Engineering. Dr. Muhammad Sohaib Younis has a PhD in Deep Learning. Dr. Muhammad Sohaib Younis has published 4 research articles & conference papers having a citation count of 95, carried out 0 projects and filed 0 intellectual property.

## Qualifications

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|-----------------------------------------------------------------------|-------------|
| <b>PhD in Deep Learning</b><br>Phillips-Universität Marburg , Germany | 2018 - 2024 |
| <b>MS in Artificial Intelligence</b><br>Universität Hamburg , Germany | 2015 - 2015 |
| <b>BS in Mechatronics</b><br>NUST, Islamabad , Pakistan               | 2007 - 2011 |

## Experience

|                                                                                                                           |               |
|---------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Assistant Professor</b><br>School of Mechanical & Manufacturing Engineering                                            | 2024- Present |
| <b>Research Assistant</b><br>Phillips-Universität Marburg , Biegenstraße 10, 35032 Marburg                                | 2021 - 2022   |
| <b>Research Assistant</b><br>Senckenberg Biodiversity and Climate Research Centre , Senckenberganlage 25, 60325 Frankfurt | 2017 - 2020   |

### Nature 4.0: A networked sensor system for integrated biodiversity monitoring

2023

Dirk Zeuss Lisa Bald Jannis Gottwald Marcel Becker Hicham Bellafkir Jörg Bendix Phillip Bengel Larissa T. Beumer Roland Brandl Martin Brändle Stephan Dahlke Nina Farwig Bernd Freisleben Nicolas Friess Lea Heidrich Sven Heuer Jonas Höchst Hajo Holzmann Patrick Lampe Martin Leberecht Kim Lindner Juan F. Masello Jonas Mielke Möglich Markus Mühling Thomas Müller Alexey Noskov Lars Opgenoorth Carina Peter Petra Quillfeldt Sascha Rösner Raphaël Royauté Christian Mestre-Runge Dana Schabo Daniel Schneider Ralf Steinmetz Pavel Tafo Markus Vogelbacher Stephan Wöllauer Sohaib Younis Julian Zobel Thomas Nauss Bernhard Seeger Elliot Shayle

*Global Change Biology* , Volume 30, Issue 1, Article Number e17056

**Impact Factor:** 10.800 | **Quartile:** 1 | **Citations:** 13

**DOI:** <https://doi.org/10.1111/gcb.17056>

### Towards reliable estimates of abundance trends using automated non-lethal moth traps

2023

Jonas Mielke Möglich Patrick Lampe Mario Fickus Sohaib Younis Jannis Gottwald Thomas Nauss Roland Brandl Martin Brändle Nicolas Friess Bernd Freisleben Lea Heidrich

*Insect Conservation and Diversity* , Volume 16, Issue 5, Pages 539-549

**Impact Factor:** 3.200 | **Quartile:** 1 | **Citations:** 6

**DOI:** <https://doi.org/10.1111/icad.12662>

### Detection and annotation of plant organs from digitised herbarium scans using deep learning

2020

Sohaib Younis Marco Schmidt Claus Weiland Stefan Dressler Bernhard Seeger Thomas Hickler

*Biodiversity Data Journal* , Volume:8, Page:1-18

**Impact Factor:** 1.225 | **Quartile:** 3 | **Citations:** 30

**DOI:** <https://doi.org/10.3897%2FBDJ.8.e57090>

### Taxon and trait recognition from digitized herbarium specimens using deep convolutional neural networks

2018

Sohaib Younis Claus Weiland Robert Hoehndorf Stefan Dressler Thomas Hickler Bernhard Seeger Marco Schmidt

*Botany Letters* , Volume 165, Issue 3-4, Pages 377-383

**Impact Factor:** 0.883 | **Quartile:** 4 | **Citations:** 46

**DOI:** <https://doi.org/10.1080/23818107.2018.1446357>