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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

BRIEF INTRODUCTION

Dr. Abdul Sattar

Entomologist

Directorate of Health Services
Capital Development Authority

September, 2014

ACADEMIC

Certificate/Degree

Division

Metric (Science)

1st

F.Sc (Pre-Engineering)

1st

B.Sc (Hon) Entomology

1st

M.Sc (Hon) Entomology

1st

Ph.D in Entomology

1st

TITLES OF THESIS

B.Sc (Hon) Entomology	Management of Pulse Beetle
M.Sc (Hon) Entomology	Ecology and Management of Fruit Trees Termites in Peshawar Valley-Pakistan
Ph.D Entomology	Ecology and Management of Termites in Urban Environment (Islamabad)-Pakistan

RESEARCH EXPERIENCE



15 years research experience

RESEARCH EXPERIENCE

Integrated Pests Management of Tobacco
Pests



Ecology, Biology and management of *Helicoverpa armigera*

Ecology, Biology and Management of *Agrotis ipsilon*

Ecology, Biology and Management of *Myzus persicae*

RESEARCH EXPERIENCE

Pesticides Residues Analysis

By using

Gas Chromatography (GC)

High Performance liquid Chromatography (HPLC)

RESEARCH EXPERIENCE

Management of Termites

A-Taxonomy of Termites

B-Biology of Termites

C-Tracing of Termite Colonies by using different dyes

B-Ecology and Management of fruit trees termites

E-Ecology and Management of Termites in Urban Environment (Islamabad)

F-Formulation of slow acting toxic baits for Termites Management

RESEARCH EXPERIENCE

Vertebrate Pest Management

1	Rodents
2	Birds
3.	Porcupine
4	Wild boar

RESEARCH EXPERIENCE

Management of Mosquitoes through
Integrated Vector Management (IVM)

Aedes

Anophles

Culex



Surveillance of vectors

Destruction of larval habits

Larviciding

Adulticiding (IRS, Space spray)

RESEARCH EXPERIENCE

Management of Urban Pests through
Integrate Pest Management (IPM)



1	Cockroaches
2	House fly
3	Sandfly
4	Fleas
5	Wasps

RESEARCH EXPERIENCE

Biological control of Pests



1	Predators
2	Parasites
3	Parasitoides

RESEARCH EXPERIENCE

Management of Vector-Borne diseases



1	Dengue fever
2	Malaria
3	Lashmaniases
4	Plague
5	Congo fever
6	Polio
7	Measel

WORK IN DIFFERENT ORGANZATIONS



1	Pakistan Atomic Energy Commission
2	Pakistan Tobacco Board
3	Pakistan Agriculture Research Council
4	Capital Development Authority (CDA), Islamabad-Pakistan

CURRENT ASSIGNMENTS



1

• Work as Entomologist in Capital Development Authority, Islamabad-Pakistan

2

• Member of National Coordination Cell for prevention and control of Dengue fever at Islamabad-Pakistan

3

• Committee Member of Vector-borne diseases in Islamabad-Pakistan

4

• Member of Editorial Board of Journal of Biodiversity, Bioprospecting and Development

5

• Member of Polio Eradication Committee at Islamabad-Pakistan

6

• Supervisor of Entomology students

ASSIGNMENTS PERFORMED



1

- Research Fellow in Pakistan Atomic Energy Commission

2

- Research Fellow in Pakistan Tobacco Board

3

- Research Fellow in Eco-toxicology Research Program in Pakistan Agriculture Research Council, Islamabad-Pakistan

4

- Scientific Officer in Vertebrate Research Program in Pakistan Agriculture Research Council, Islamabad-Pakistan.

PROJECT COMPLETED



1

• Management of Store Grain Pests in Peshawar-Pakistan

2

• Ecology and Control of Fruit Trees Termite in Peshawar Valley-Pakistan

3

• Ecology and Management of Termites in Urban Environment (Islamabad)

4

• Ecology and Management of Urban Pests in Islamabad-Pakistan.

5

• Management of Porcupine by using slow-acting toxic baits

6

• Pesticides Residue Analysis in Environment

7

• Management of Mosquitoes through Integrated Vector Management (IVM)

PUBLICATIONS

1. **Sattar, A.**, M. Naeem., Z. Salihah., and J. Khan. 2005. Ecology of fruit tree termite in Peshawar valley. Sarhad J. Agric. Vol.21, No.2, pp.257-260.
2. Khan. J., M. Inayatullah., F. Naz., **A. Sattar** and M.F. Shaid. 2005. Relative Resistance of some Rice Cultivars to yellow, *Scirpophaga incertulas* (walk) and white *Scirpophaga innotata* (walk) stem borers. Pak.J.of Science. Vol.5.No.1-2, pp.53-56.
3. Khan. J., M. Inayatullah., F. Naz and **A. Sattar**. 2005. Comparative efficacy of some insecticides for the control of yellow, *Scirpophaga incertulas* (walk) and white *Scirpophaga innotata* (walk) stem borers. Sarhad J. Agric, Vol.21, No.4.pp.695-697.

PUBLICATIONS

4. Ahad, K., A. Mohammad., F. Mehbob., **A. Sattar** and I. Ahmed. 2006. Pesticides Residue in Rawal Lake, Islamabad, Pakistan. Bull. Environ.Contam. Toxicol. Springer Science and Business Media. Inc 76:463-470.
5. **Sattar, A.**, M. Naeem and E. Haq. 2013. Impact of environmental factors on the population, dynamics, density and foraging activities of *Odontotermes lokanandi* and *Microtermes obesi* in Islamabad. Springer Plus,2:349.
6. **Sattar, A.**, M. Naeem., E. Haq. 2014. Efficacy of plant extracts against subterranean Termites i.e., *Microtermes obesi* and *Odontotermes lokanandi* (Blattodea: Termitidae) Journal of Biodiversity, Bioprospecting and Development 1:2.

Biodiversity, Bioprospecting and Development Related Journals

- [Journal of Bioprocessing & Biotechniques](#)
- [Journal of Bioremediation & Biodegradation](#)
- [Journal of Bioequivalence & Bioavailability](#)
- [Journal of Biodiversity & Endangered Species](#)



Biodiversity, Bioprospecting and Development Related Conferences

- 3rd International Conference on Earth Science & Climate Change
- 3rd World Congress on Biotechnology
- 5th World Congress on Bioavailability and Bioequivalence: Pharmaceutical R&D Summit
- 3rd International Conference on Biodiversity & Sustainable Energy Development



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