## How Insect Biologists Work

### Pest Management
- **Objective:** Protect people and property from pests
- **Tasks:** Pesticide applications, monitoring, and analysis
- **Fields:** Urban and industrial pest biology, ecosystem and natural resources management

### Environmental & Ecosystem Management
- **Objective:** Preserve species and ecosystems
- **Tasks:** Biodiversity and ecosystem monitoring, conservation efforts
- **Fields:** Climate change, natural resource management, invasive species management

### Regulatory Science
- **Objective:** Ensure compliance with environmental regulations
- **Tasks:** Policy development, enforcement, and education
- **Fields:** STEM education, life science education, outreach

### Forensic Science
- **Objective:** Solve crimes related to insects
- **Tasks:** Forensic practices and standards
- **Fields:** Forensic practices and standards, government agencies

### Biotechnology
- **Objective:** Develop solutions to insect-related problems
- **Tasks:** Biotechnology research, development of pest management solutions
- **Fields:** Biotechnology, medicine, veterinary sciences

### Education
- **Objective:** Teach science and inspire future scientists
- **Tasks:** Science education, outreach programs
- **Fields:** Science education, museums, universities

### Other
- **Objective:** Various roles not listed above
- **Tasks:** Specific roles depending on field
- **Fields:** Various roles depending on field

## Careers for Insect Biologists

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### Additional Information
- **Teach Science Education:** University, government, industry
- **Serve Others:** Government agencies, nongovernmental organizations
- **Preserve Species & Protect the Environment:** Government, universities, industry
- **Prevent Spread of Disease:** Public health consultants, government agencies
- **Solve Crimes:** Law enforcement agencies, government
- **Educate the Community:** Museums, zoos, nature centers
- **Solve the World's Problems:** Scientists, researchers, policymakers

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**Careers for Insect Biologists**

- **Plant and animal pest management:** Government, agriculture, food processing, food industry, applied research, government.
- **Climate change, pollinator health:** Basic and applied research, government, industry.
- **Pesticide training and certification:** Industry, research.
- **Prevent spread of disease:** Public health consultants, government agencies.
- **Solve crimes:** Law enforcement agencies, government.
- **Educate the community:** Museums, zoos, nature centers.
- **Solve the world's problems:** Scientists, researchers, policymakers.
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Insect Biologist Jobs and Areas of Specialization

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