

## UAF'S RESEARCH STRENGTHS IN SUSTAINABILITY

**Faculty Engagement:** UAF boasts numerous research strengths related to sustainability. Across the campus, faculty members conduct research related to at least one of the UN Sustainable Development Goals.

- **Key Areas:** Much of our research focuses on institutes and departments specializing in energy, water, climate, and materials science.
- **Global Expertise:** Recognizing the need for global expertise, UAF has positioned itself as a hub for knowledge and expertise on sustainability challenges.

### Sustainability as a Global Future

- Sustainability is one of five Global Futures integral to UAF's strategies and vision.
- Our goal is to inspire collaborative and interdisciplinary efforts in research and scholarship, addressing the world's most pressing challenges.
- We emphasize the interconnectivity and intersectionality between Sustainable Futures and Societal, Health, Social, and Economic Futures.

### Academic Exploration of Sustainability

- UAF's research explores sustainability through various lenses:
  - **Technology:** Investigating innovative technological solutions.
  - **Social Innovation:** Exploring novel approaches to societal challenges.
  - **Intra and Entrepreneurship:** Encouraging entrepreneurial initiatives.
  - **Policy Development:** Shaping policies for sustainable practices.
  - **Natural Sciences:** Leveraging scientific knowledge.
  - **Modeling Approaches:** Understanding and solving sustainability challenges.

### Recent Highlights

- In the previous year, UAF achieved significant milestones:
- Secured new funding through P&D, Punjab Govt, HEC, and other sources.
- Supported six new climate-friendly and women empowerment-related projects.
- Collaborated on Ecosystem Sustainability initiatives with various partners.

- Led a project focused on agricultural growth and productivity enhancement.
- Partnered with the Department of National Defense to utilize cutting-edge technology for future agricultural development.

UAF remains committed to advancing sustainability research, fostering collaboration, and contributing to a more sustainable and resilient world.

UAF is thinking to be a champion in conducting research and projects align with SDGs for future.

1. No Poverty
2. Zero Hunger
3. Good Health and Wellbeing
4. Quality Education
5. Gender Equality
6. Clean Water and Sanitation
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation, and Infrastructure
10. Reduced Inequalities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life Below Water
15. Life On Land
16. Peace, Justice and Strong Institutions / 20