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**Summer Field School [Hybrid] on**
**MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT**
**11-20 September, 2023**

## SPEAKER PARTICIPANT'S PROFILE

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| | **Dr. Nasirova Afruz**<br>*Lecturer*<br>Specialist on Science Branch<br>Department of Natural Science<br>Western Caspian University<br>Baku<br>AZERBAIJAN<br><br>Tel: +994-50-456-19-39<br>Email: anasirli@inbox.ru |
| **Highest Education** | PhD in Biology |
| **Personal Statement** | Dear Colleagues,<br>I am Afruz Nasirova, a teacher in Natural Science Department and Specialist on Science Branch. |
| **Brief Bio** | I have completed a bachelor's degree in Biology at Nakhchivan State University in 2009, and a master's degree Microbiology at Baku State University in 2011. I have started my professional work in 2011 as a laboratory assistant in Bioresources Institute of Nakhchivan Branch of ANAS. I have successfully finished my PhD thesis "Plants included into the Campanulaceae Juss. family in the Nakhchivan Autonomous Republic flora, their role in phytocenoses and effective ways of use" in 2016 and got my PhD diploma in 2017. My PhD dissertation has been directed to the solution of the problem of the floristic analysis of the Campanulacea Juss. family, investigation of the bioecological features and geographical area, defining the role in biocenoses and plant types, efficient usage and research of the protection ways.<br><br>Furthermore, I have published more than 30 academic articles and one of book. In 2014, I have taken part for a |

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| | month course in Bordeaux, France. The main objective of the Stone project is to fight against viral diseases of core fruits. By September 2017 to December 2020, I have started working as a teacher at Nakhchivan State University to teach a number of subjects on a part-time basis.<br><br>I have participated as a volunteer and executor in international projects like WWF team, such as the protection of the leopards and caring of their offspring spread in autonomous republic. Thorough my professional career I got many prizes:<br>1. I was the winner of the "My first grant project" in 2017 from the Science Development Foundation under the President of the Republic of Azerbaijan.<br>2. I was awarded with a valuable prize in the nomination of "Young scientist of the year" at the event organized jointly by the Youth and Sports Ministry of the Nakhchivan Autonomous Republic and the Youth Foundation on 2 February 2016.<br>3. I was honored Certificate and monetary reward for my successful activity (in science) - on the occasion of the Day of Youth of Azerbaijan by the Ministry of Youth and Sport of the Azerbaijan Republic 2 february in 2017.<br>4. I was honored with the Honorary Decree of the Azerbaijan National Academy of Sciences for distinguishing my scientific activity in 2017.<br>5. I was awarded the third place of "Young ladies in science" competition by the President of ANAS, full member of academy Akif Alizade, 2 February 2019.<br><br>In 2019, I have applied Hokkaido University Life Science for Graduate Students for International Graduate Programme and was the winner and participant of Laboratory of Cell function and structure laboratory and by December 2020 up to 2021 July. I have been working in Professor Hidetaka Ito's laboratory. My main research was related salt stress in *Arabidopsis thaliana*. By 2021 up to 2022 December I was working in Fitolab Private company as |

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| | Virology specialist. My main research was related PCR and ELİSA tests.<br><br>From January 20223 I have started working in Western Caspian University as a teacher. |
| **Paper/Presentation Title (Unpublished Research or Review or Field Work)** | *Beekeeping and Honey Production in Azerbaijan* |
| **Keywords** | Honey; Beekeeping; Beekeepers; Azerbaijan |
| **Abstract (100-300 words)** | Throughout the history, beekeeping has been a part of an agricultural sector which played a significant role in the development of agricultural sectors in Azerbaijani Economy. Despite the fact that the requirements of technological base and education level about beekeeping were sufficient, during the collapse of Soviet Union the sector failed as all these necessities were available under the Soviet Rule. Therefore, it was not easy to improve the sector again and make it one of the beneficial and productive sectors of an agriculture in Azerbaijan.<br><br>Mainly, we will focus on honey production, because there is not enough information about other products of honey such as pollen, royal jelly and wax, meaning that those products do not have a significant effect on the development of beekeeping sector. Recently, according to the data taken from "Azerbaijan Beekeepers Association", the calculated number of beekeepers is 8,000-10,000. Also, the number of bee families was estimated, and it was more than 400,000 which can be considered as a significant number for the sector to develop and to increase the production of honey in Azerbaijan. State Program on the Socio – Economic Development of Regions in the country gives necessary attention to the improvement of beekeeping. |
| **More Information (weblinks)** | |