

# Exploring Effectiveness of Nature Photography

Held at: National Council for Conservation of Wildlife  
(September 4<sup>th</sup>-8<sup>th</sup>, 2007)





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# Exploring Effectiveness of Nature Photography

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## 1 Introduction

The Pakistan Wetlands Programme delivered comprehensive five day training on Nature Photography from September 4th – 8th, 2007 at the laboratory of Geographic Information System (GIS), National Council for Conservation of Wildlife (NCCW), Islamabad. The course was designed keeping into consideration the requests received through Training Needs Assessment that amongst other skills wildlife departments require services of skilled wildlife photographers.

The course was designed for a wide range of audiences ranging from individuals with interests in photography to those requiring practical utilisation of this course in their professional setup. The fundraising efforts were succeeded in enrolling ten (10) paid participants from research and development departments along with the other participants from wildlife departments and conservation institutions.

## 2 Learning Objectives

The training revolved around the following learning objectives that enabled the participants to:

- ❑ Demonstrate basic understanding of various concepts that could be used for effective photography;
- ❑ Practice numerous tools and techniques available for indoor, outdoor, scientific and wildlife photography;
- ❑ Demonstrate practical utilization of special tools and techniques of photography in different models and software;

## 3 Course Outcomes

The training was tailored to entail the following:

- ❑ Practice of different tools, tricks and techniques for image projection by using the available technology;
- ❑ Possibility of short term service contracts with the Pakistan Wetlands Programme as skilled photographers;
- ❑ Enhanced participation by participants through e-mail based network that ensure participants interest in and ownership of the subject in the future as well.

## 4 The Training Team

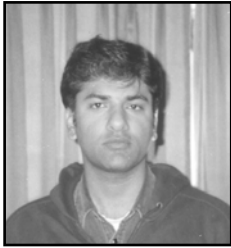
### Richard Garstang



Mr. Richard Garstang is a South African Conservation Biologist with 36 years of field experience in eleven different developing countries. He has been based in Pakistan for the past ten years, nine of which have been with WWF-Pakistan as their Conservation Advisor. His service with IUCN and WWF in Pakistan has taken him to virtually every part of this country, from Baltistan in the north-east to Jiwani on the south-western border with Iran. As a result of his comprehensive exposure to Pakistan's wildlife, he is acknowledged as an authority on the biodiversity and ecology of

Pakistan and has become an advocate for the cause of wildlife conservation in Pakistan. Most recently, he led the WWF-Pakistan team that successfully developed a Global Environment Facility proposal for a 12 million dollar, seven-year Pakistan Wetlands Programme that aims to conserve the natural wetlands of Pakistan. Currently he is working in the Programme as the National Programme Manager.

## **Masood Arshad**



Mr. Masood Arshad has been associated with WWF-Pakistan for more than thirteen years in various capacities in the field of conservation and applied management. Having a basic degree in forestry and with subsequent degrees in Environment and Natural Resource Assessment and Conservation Biology from UK, has provided him a diverse blend of education and experience. Mr. Arshad has considerable experience in Protected Areas Planning and Management, Biodiversity Assessment and Monitoring, Project Planning and Management and Community-based Wildlife Management. Several research publications of national and international standards are to his credit. In his present assignment as a Programme Manager, National Programmes, Pakistan Wetlands Programme, Mr. Arshad has the responsibility of supervising and managing four major outputs of the programme that are covered under the National Programmes. Training and Capacity-building is one such initiative covered under one of his programme outputs, where his goals are to achieve an enabling environment in the country with regards to conservation and effective management of wetlands.

## **Ahmad Imran Aslam**



Mr Ahmad Imran Aslam possesses diverse consulting and managerial experience spread over ten years including five years in senior managerial roles. In his recent job as Programme Manager Fundraising and Financial Sustainability with PWP, he has been involved in designing various sustainability initiatives for PWP. He has served as a Financial Advisor to companies from the oil and gas, information technology, automobile, utilities, fertiliser, cement, textile, banking sectors as well as regulatory bodies and various government departments. Ahmad's project engagements included market entrant strategy, due diligence, valuation, sector studies, merger and capital restructuring, strategic plans and diagnostic analysis. He is credited with managing and executing project engagements ranging from restructuring £900 million debt of an integrated utility in energy sector for privatisation to advising regulatory bodies on strategic issues. Ahmad's area of expertise includes environmental policy and management, corporate governance, Corporate Social Responsibility, HSE, financial modeling and capital restructuring as well as financial and environmental due diligence.

## **Ghulam Rasool**



Mr. Ghulam Rasool is a professional photographer and is presently providing support to the PWP as a consultant. His work with PWP involves extensive travel to the far flung areas of the country in order to provide valuable inputs by capturing images of the wild fauna flora of the surveyed sites. Mr. Rasool aspires to become an internationally renowned photographer. He has succeeded in establishing a nation-wide recognition by being the first wildlife photographer whose work on birds of Pakistan has been published by WWF Pakistan in the form of research-based calendars with scientific information for the year 2006 and 2007. He has also won the exhibition title the Waterfowl of Pakistan 2007 Calendar. His diverse skills in photography caters to all kinds of photographic requirements and has made him the first ever Assignment Photographer in Pakistan. His long list of clientele includes organisations like IUCN, WWF Pakistan, LACAS, and various private and public institutes. Apart from nature photography, his other unique assignments involved the photographing of open heart surgery operations in the Punjab Institute of Cardiology; architectural photography of a newly built shrine in Lahore; regeneration after devastation in earthquake hit areas of Azad Kashmir; palaces & forts of Bahawalpur; Heritage Project Chiniote. He has also

served as a Photo-Editor for the Journal of Cardiovascular Diseases. Mr. Rasool possesses ten-years of extensive experience in the field of photography.

### **Faisal Mueen Qamer**



Mr. Faisal Mueen Qamer possesses nearly six years of experience of GIS and Remote Sensing operations in various national and international institutions including GIS Department of NESPAK, GIS Laboratory of WWF-P and River Basin Management institute, Uni-Karlsruhe, Germany. Currently he is working as GIS Coordinator with WWF-Pakistan, supervising the development and management of GIS projects for environment and nature conservation e.g., GIS-based Wetlands Inventory development, Species distribution/habitat mapping, Land-cover and change analysis studies. He is also responsible for preparing the annual GIS budgets. One of the major ongoing projects that he is leading is the GIS-based National Wetlands Inventory Project for the Pakistan Wetlands Programme. The project approach is based on Asian Wetlands Inventory for national level mapping of Wetlands resources. Along with the conventional GIS/RS skills, he has acquired expertise in web-based spatial data infrastructure which enables massive GIS application usage over the internet. Has also introduced open source software (OSS) based Spatial Data Infrastructure (SDI) and initiated concepts like [www.wildtracker.pk](http://www.wildtracker.pk), Environmental Spatial Metadata Archive of Pakistan [www.esMAP.pk](http://www.esMAP.pk), and Establishment of Biodiversity Information Infrastructure of Pakistan at WWF-Pakistan. Mr. Qamer has several publications to his credit. He holds a Masters in Geometrics from HS-Karlsruhe University, Germany.

### **Hassan Zaki**



Mr. Hassan Zaki has a long-term professional association with the WWF Pakistan. He has worked with WWF Pakistan as a Design Consultant in various projects namely the Indus Dolphin Project, Urial Conservation, and Pakistan Wetlands Programme. He has successfully managed to establish his work in the three tiers of creative art; Design, Illustration and Photography. As a photographer, he has under-took nature photography for a variety of species and ecosystems using Digital and SLR cameras. He has produced innumerable photographs for the promotional material of the Wetlands Programme. Several of his photographs have been selected for the Ramsar International's book on world's wetlands. Among other works in the field of photography, he has developed photographic display on natural beauty of Pakistan and have produced portfolio of aerial photography for remote dry coastal region of Pakistan. Mr. Zaki is also serving as a lecturer at the Punjab University, Lahore, where he teaches Graphic and Website Designing. Mr. Zaki holds a Master of Fine Arts from the University of Punjab.

### **Isma Sana**



Ms. Isma Sana has five years of extensive work experience in the field of environment. She has been working in various capacities with different organisations to address the social and biological issues related to the environment. As a Socio Economic Expert with Élan Partners (Pvt. Ltd), she conducted field surveys for public consultations and compiled reflections for Social Assessment of a World Bank funded Power Enhancement Project of WAPDA. Being a team member of the Environmental Management Services Programme at the Leadership for Environment And Development (LEAD) Pakistan, reviewed EIA, IEE reports to capacitate the management on the salient features and deficiencies in such reports. During long affiliation with LEAD Pakistan, she also advocated environmental awareness by

developing training modules for capacity building of mid career professionals from both public and private sectors on environmental and sustainable development issues. Previously, she served as a Deputy Project Manager in one of the Government's funded project of "Clean Drinking Water Initiative." At PWP, Ms. Sana as a Programme Coordinator provides technical and administrative support to the Fundraising and Sustainability section in organising fundraising and sustainability activities as well as to develop long-term relationships with donor Agencies. She holds a Masters degree in Environmental Sciences from Fatima Jinnah Women University.

### **Shafaq Masud**



Ms. Shafaq Masud is currently working as a Research Assistant at Pakistan Wetlands Programme. One of her core responsibilities is to carry out research in support of the National Programme Manager/Chief Technical Advisor's personal contribution to the implementation of the PWP. This is done primarily, through desk research using IT tool such as search engines she is to locate and maintain a library of scientific literature related to the PWP. Her scope of work would also include taking part in awareness campaigns by making presentations about the Programme to schools and other educational groups. Previously, she has been working in a non-profit organisation, Leadership for Environment and Development (LEAD), where her sphere of responsibilities revolved around training and capacity-building of mid-career professional coming from different professional sectors in Pakistan. She has a Masters` degree in Environmental Sciences from Fatima Jinnah Women University.

### **Tahir Ehsan**



Mr. Tahir Ehsan is currently working as a Technical Resource and Equipment Centre /TREC Officer with Pakistan Wetlands Programme. He is responsible for the procurement of technical equipment and for the logistical support of survey programmes and trainings. Previously, he was working with WWF-Pakistan as a GIS Analyst/Logistical support officer and was responsible for ecological mapping of project areas using Satellite Remote Sensing & GIS techniques. He was also involved in establishing shelters in Bheri, AJK which was a joint work of UN-Habitat, WWF-Pakistan, Govt. of Scotland and Emergency Architect. He worked as an expedition manager in a special assignment for Indus dolphin survey and was responsible for planning and managing all operations, logistics and financial aspects of this large-scale expedition involving more than 50 people from eight different agencies.

## **5 Marketing of the Course**

The course was designed for a wide range of audiences ranging from individuals with interests in photography to those requiring practical utilisation of this course in their professional setup. A proper marketing strategy was adopted for selling of the course. The course was open to the private sector organisation with a fee of Rs. 15000/- per participant. Apart from inviting the key partners from the Ministry of Environment and Provincial Wildlife Departments, the perspective participants from open market were contacted by adopting following steps:

- Training brochure was made and distributed with invitation letters to invitees from media, academia, research and development organisations, conservation organisations, NGOs, donors and corporate sector.
- Posters were made and placed on all the prominent sites and markets in Islamabad and Rawalpindi.

- ❑ Separate invitation letters were sent to the government institutions were sent. Approximately 250 letters were sent to both the public and private institutions.
- ❑ The course was also advertised through announcement in the monthly newsletter of Pakistan Wetlands Programme, August edition.
- ❑ Telephone calls, e-mails and visits were made as follow up in addition to the letters sent for marketing of the course.
- ❑ 50% discount on the training fee was offered to the WWF Pakistan and Indus for All Programme as potential partners of the programme while 20% discount was offered to one candidate from the NGO.

The extensive marketing of the course to the open market resulted in generating a revenue of Rs. 0.124 million.

## **6 Training Participants**

The course succeeded in enrolling 28 participants from all over the country. Out of the total 28 participants ten (10) participants attended the course as payment. The course fee was Rs. 15,000/- per participant. Professional photographers, researchers, conservationists and professionals working in the development sector attended the course. The participants profile presented all the four Provincial Wildlife Departments, the Ministry of Environment, Pakistan Forest Institute, The Earthquake Relief and Rehabilitation Authority, University of Veterinary and Animal Sciences, Pakistan Museum of Natural History, Pakistan Poverty Alleviation Fund, The Kinnard College Lahore, Leadership for Environment and Development, Pakistan Institute for Environment Development Action Research and the World Wildlife Fund for Nature.

## **7 Training Methodology**

The training was based on the interactive participatory learning approach with presentations, lectures and field visits. The trainers involved the participants in group assignments, discussions and field exercises. The participants practiced learned tools and techniques of photography during their extensive field visits to the Marghazar Zoo and the Pakistan Monument.

## **8 Training Sessions**

### **8.1 Day One**

After the registration and the welcome address the training started with the introduction about the Pakistan Wetlands Programme and its purpose for conducting a comprehensive course on an unconventional subject of Nature Photography. After the brief introduction of the programme the participants were formally introduced with each other and the training team.

The day was divided four sessions to give the participants orientation about the term Photography and the theoretical knowledge about equipment essentially used for photography. After the introduction, the course opened with the formal sessions on the subject of photography. The session demonstrated the definition of the photography term with historical background of the subject leading towards the recent advancements from analogue to digital perspectives of photography.

The sessions on “Exploring the Equipment: Camera and Lens” equipped the participants with basic understanding about cameras and different lenses used effectively for photography. The equipments were explained with their various functions and uses. The session explained the correlation of camera and lenses that could enhance the quality of the photographs. The day ended with the wrap up on concepts taught during the day.

The following days of the course focused on the various concepts of photography with group assignments, field visits and brainstorming sessions.

## **8.2 Day Two**

The second day focused on the different concepts used in the photography. Each day focused on the concepts like Portrait, Nature, Scientific and Night Photography with group exercises and field visits for the maximum learning on the subject.

During the second day the concept of Portrait was explained in detail with group assignments and brainstorming sessions. The day equipped the participants with different forms and styles used for capturing portraits. Tricks and techniques like understanding light, choice of subject and selection of best lens effectual for capturing portraits were practiced by the participants during the group work in local markets of Islamabad.

## **8.3 Day Three**

The third day emphasised on the Nature Photography as a concept having pivotal importance in the field of wildlife and nature photography. The session developed an understanding about the need for learning nature photography, its different types and imparted knowledge about professional techniques that could be used for capturing picturesque beauty of nature and wildlife.

There was a session dedicated to photography for scientific purposes. This session was of great value to the conservationists the world over.

Special emphasis was also given to the different lenses and techniques that could be used effectively while capturing images for nature and wildlife photography. The learned tools and techniques were exercised by doing practical work at the Marghazar Zoo. Several images of nature and wildlife were captured by the participants that later were shown to the other members of the group for experiential learning and application in future.

## **8.4 Day Four**

The day focused on Night Photography as an essential concept used in Nature Photography. The session enabled the participants with use of camera and lens in slow shutter speed for low light photography. The participants reinforced their learned skills by doing practical work in the Pakistan Monument. The images captured by the participants during the field visit were demonstrated for the maximum learning of the participants.

## **8.5 Day Five**

The last day of the course was tailored to sensitise the participants with the practical uses of photography. The term was best explained through Panel discussion in which utilization of photography in graphic designing and some software like Geographical Information System were explained. The satellite images can be interpreted by using geographic information system while utilisation of photography in graphic designing could be used in awareness and advocacy of any issue or organisation. The processing of photographs and images in Photoshop software were explained in detail that could be essentially used in professional settings.

In the end certificates were distributed among the participants.

The feedback of the participants was recorded on the evaluation forms distributed daily among the participants for registering their comments on various sessions and overall training arrangements.

## **9 Way Forward**

The course served the purpose of raising the capacity and imparting the skills necessary for nature and wildlife photography to the professionals. The contents taught were highly

appreciated by the participants and several requests have been received to conduct series of courses on Nature Photography especially for professional photographers and field researchers working for the wildlife departments and conservation organizations. Some of the renowned organization like Haigler Bailly has requested Pakistan Wetlands Programme to conduct a tailor made course on Nature Photography for its professional staff.

The results of the course have opened ways for the Programme to explore opportunities and conduct courses on unconventional themes like “Nature Photography” and “Scientific Report Writing” that could be useful for the programme and the conservation of environment at large.

## 10 Annexure I

**The Training Programme**  
**Understanding Camera and Lens: Exploring Effective Avenues of Nature Photography**  
**September 4 - 8, 2007 - GIS Lab, NCCW, Islamabad**  
**Session Plan**

**Day One: Tuesday, September 4, 2007**

Time	Session	Objectives	Methodology	Resource Persons
08:30 – 09:00	Participants Registration		Registration Forms to be filled	Ahmad Khan, Programme Manager Regional Programmes - PWP
09:00 – 09:30	Welcome and Introduction of Participants	The participants will be able to identify each other by name and gain information on each other's professional background.	Icebreaking Session	Isma Sana Fundraising and Sustainability Section - PWP
09:30 – 10:00	Introduction of Pakistan Wetlands Programme (PWP) and Training Objectives	The participants will be given an orientation about Pakistan Wetlands Programme with special emphasis on role of photography in image projection and its relevance to the programme. The participants will also understand the training objectives.	Power Point Presentation	Richard Garstang (NPM/ CTA – PWP)
10:00 – 10:30				
10:30 – 11:00	Tea Break and Group Photograph			
11:00 – 12:30	Photography: An Overview	The participants will be able to demonstrate definition and historical background of the subject with recent advancements from analogue to digital perspectives of photography.	Interactive Lecture	Ghulam Rasool (Professional Photographer WWF-P)
12:30 – 13:00	Discussion	The participants would be able to clarify their concepts regarding the above session.	Question and Answers	
13:00 – 14:00	Lunch and Prayer Break			
14:00 – 15:00	Exploring the Equipment: Camera	The participants will be able to demonstrate basic understanding about the camera and its various functions for valuable image capturing.	Interactive Lecture with Working Tea	Ghulam Rasool

Time	Session	Objectives	Methodology	Resource Persons
15:00 – 16:00	Exploring the Equipment: Lens	The participants will be able to demonstrate basic understanding about different lenses used in photography, their various functions for effective photography.		
16:00 – 16:30	Correlation of Camera & its Lenses along with Accessories	The participants will be able demonstrate understanding about the relationship between camera and lens and their combine use for the best possible results. They will also be skilled in cleaning the equipment.		
16:30 – 17:00	Discussion / Session Wrap up	The participants would be able to clarify their concepts regarding the above session.	Question and Answer	

### **Understanding Camera and Lens: Exploring Effective Avenues of Nature Photography**

**September 4 - 8, 2007 - GIS Lab, NCCW, Islamabad**

**Session Plan Day Two: Wednesday, September 5, 2007**

Time	Session	Objectives	Methodology	Resource Person
09:00 – 09:30	Recap of Day One	The participants will revisit the proceedings of the previous day.	Reflections by eyes and ears	Isma Sana/ Ghulam Rasool
09:30 – 11:30	Concepts of Photography	The participants will understand basic concepts of digital photography along with its difference from traditional photography.	Interactive Lecture	Ghulam Rasool
11:30 – 12:00	Tea Break			
12:00 – 12:30	Discussion	The participants will be able to clarify their concepts regarding above session.	Question and Answers	Ghulam Rasool

<b>Time</b>	<b>Session</b>	<b>Objectives</b>	<b>Methodology</b>	<b>Resource Person</b>
12:30 – 13:00	Portrait Photography: Orientation and Dynamics	The participants will be able to demonstrate an understanding about the concept, different forms and styles of portrait photography.	Interactive Lecture	
13:00 – 14:00	Lunch and Prayers Break			
14:00 – 14:30	Effectual Portraits: Use of Professional Tricks and Techniques	The participants will be able to understand the implication of various tricks and techniques used in portraits.	Interactive Lecture followed by Discussion	Ghulam Rasool
14:30 – 15:00				
15:00 – 17:00	Portrait Photography: A Practical Demonstration	The participants will be able to identify various aspects of portrait photography like understanding the light, subject choice, selection of best lens etc for final execution of portraits	Group Work with Working Tea	Ghulam Rasool
17:00 – 18:00	Reflections on Group Work	The participants will present their work and get feedback from the trainer.	Visual Group Presentations	Participant Groups

## Understanding Camera and Lens: Exploring Effective Avenues of Nature Photography

September 4 - 8, 2007 - GIS Lab, NCCW, Islamabad

### Session Plan

**Day Three:** Thursday, September 6, 2007

Time	Session	Objectives	Methodology	Resource Persons
13:00 – 13:30	Recap of Day Two	The participants will revisit the proceedings of the previous day.	Reflections by eyes and ears	Isma Sana/ Ghulam Rasool
13:30 – 14:00	Nature Photography: Orientation and Dynamics	The participants will be able to develop an understanding about the need for nature photography, different types and the professional techniques used for enhancing its effectiveness. They will also be able to identify various tips like understanding the right light, selection of spot for composing pictures.	Interactive Lecture followed by Discussion	Ghulam Rasool
14:00 – 14:30				
14:30 – 15:00	Facets of Scientific Photography	The participants will be able to understand various facets of scientific photography in terms of fixed point and field photography.	Power Point Presentation followed by Discussion and Working tea	Richard Garstang
15:00 – 15:30				
15:30 – 15:40	Guidelines for group work in Field	The participants will be given the specific subject oriented guidelines for field work.	Supervised Field Visit	PWP Team
15:40 – 19:30	Understanding Nature Photography through Practical Demonstrations	The participants will be able to practice their learning on the subject in field through group work.		

## Understanding Camera and Lens: Exploring Effective Avenues of Nature Photography

September 4 - 8, 2007 - GIS Lab, NCCW, Islamabad

### Session Plan

Day Four: Friday, September 7, 2007

Time	Session	Objectives	Methodology	Resource Persons
10:30 – 11:00	Reflections on Group Work	The participants will present their work and get feedback from the trainer	Group Presentations followed with working tea	Participant Groups
11:00 – 11:30	Discussion on Group Work			Ghulam Rasool
11:30 – 12:30	Understanding the Night Photography	The participants will understand the use of camera in slow shutter speed for low light photography	Interactive lecture followed by discussion	Ghulam Rasool
12:30 – 13:00				
13:00 – 15:00	Lunch and Prayer Break			
15:00 – 16:00	Night Photography: Use of Tips and Techniques	The participants will be able to understand various tips and techniques specially used for effective night photography.	Interactive Lecture followed by discussion	Ghulam Rasool
16:00 – 16:15				Hassan Zaki
16:15 – 19:30	Practicing Skills : Practical Demonstration of Night Photography	The participants will reinforce their learning on the subject through practical application of their skills during the field visit.	Supervised Field Visit	PWP Team

## Understanding Camera and Lens: Exploring Effective Avenues of Nature Photography

September 4 - 8, 2007 - GIS Lab, NCCW, Islamabad

### Session Plan

Day 5: Saturday, September 8, 2007

Time	Session	Objectives	Methodology	Resource Persons
9:00 – 10:00	Reflections on Group Work	The participants will present their work and get feedback from the trainer	Group Presentations followed by discussion	Participant Groups
10:00 – 11:00	Discussion on Group Work			Ghulam Rasool Hassan Zaki
11:00 – 12:00	Use of Photography	The participants will be able to demonstrate various concepts of photography learned during the training and define pragmatic approach in using the techniques in professional and non-professional settings.	Panel Discussion with Working Tea	Richard Garstang, Masood Arshad, Faisal Mueen, Hassan Zaki, Ghulam Rasool
12:00 – 13:00	Discussion	The participants would be able to clarify their concepts regarding the above session.		
13:00 – 14:00	Lunch and Prayer Break			
14:00 – 14:30	Learned Aspects of Photography: Way Forward	The participants would be able to provide their feedback along with their perspectives regarding practical utilisation of the taught course.	Training wrap up	Ghulam Rasool Hassan Zaki
14:30 – 15:00	Training Evaluations	The participants would be able to provide their feedback on various aspects of the training course.	Evaluation forms to be filled by Participants	Isma Sana
15:00 – 16:00	Certificate Distribution			Richard Garstang

## 11 Annexure II

### Evaluation Summary

Rating Criteria: (Poor - 1, Fair - 2, Good - 3, Very Good - 4, and Outstanding - 5)

Total No of Participants = 28 , Responses Received=28

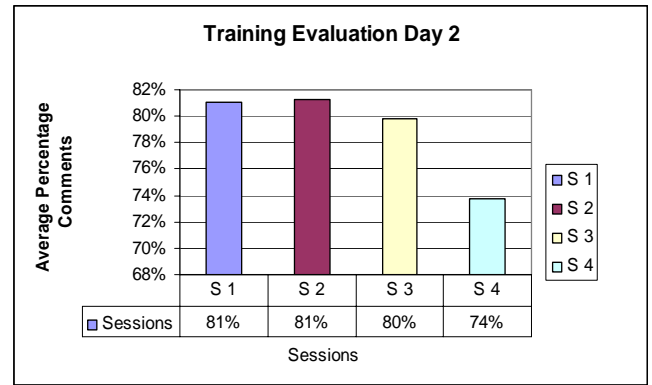
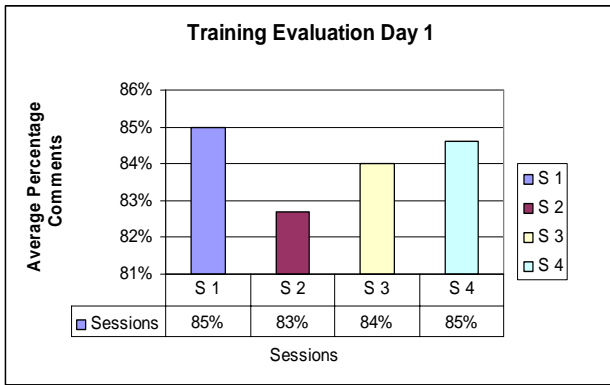
Table 3: Evaluation Summary					
		Questions	Score	Rating	
<b>Day 1</b>	<b>S I</b>	Introduction to Pakistan Wetlands Programme (PWP) and Training Objectives - (Richard Garstang)			
	Q 1	How extensive was the trainer's knowledge of the subject matter?	113	86.9%	
	Q 2	How effective was the trainer's style?	109	83.8%	
	Q 3	Did the content meet the training objectives?	109	83.8%	
	Q 4	How well was the content organised?	111	85.4%	85.0%
	<b>S II</b>	Photography an Overview - (Ghulam Rasool)			
	Q 5	How extensive was the trainer's knowledge of the subject matter?	118	90.8%	
	Q 6	How effective was the trainer's style?	104	80.0%	
	Q 7	Did the content meet the training objectives?	106	81.5%	
	Q 8	How well was the content organised?	102	78.5%	82.7%
	<b>S III</b>	Exploring the Equipment: Camera and Lens - (Ghulam Rasool)			
	Q 9	How extensive was the trainer's knowledge of the subject matter?	113	86.9%	
	Q 10	How effective was the trainers style?	111	85.4%	
	Q 11	Did the content meet the training objectives?	106	81.5%	
	Q 12	How well was the content organised?	107	82.3%	84.0%
	<b>S IV</b>	Correlation of Camera and its Lenses along with Accessories - (Ghulam Rasool)			
	Q 13	How extensive was the trainer's knowledge of the subject matter?	109	87.2%	
	Q 14	How effective was the trainer's style?	108	86.4%	
	Q 15	Did the content meet the training objectives?	103	82.4%	
	Q 16	How well was the content organised?	103	82.4%	84.6%
<b>Day 2</b>	<b>S I</b>	Basic Concepts of Photography - (Ghulam Rasool)			

	Q 17	How extensive was the trainer's knowledge of the subject matter?	120	85.7%	
	Q 18	How effective was the trainer's style?	115	82.1%	
	Q 19	Did the content meet the training objectives?	112	80.0%	
	Q 20	How well was the content organised?	107	76.4%	81.1%
	<b>S II</b>	Portrait Photography: Orientation and Dynamics - (Ghulam Rasool)			
	Q 21	How extensive was the trainer's knowledge of the subject matter?	123	87.9%	
	Q 22	How effective was the trainer's style?	114	81.4%	
	Q 23	Did the content meet the training objectives?	109	77.9%	
	Q 24	How well was the content organised?	109	77.9%	81.3%
	<b>S III</b>	Effectual Portraits: Use of Professional Tricks and Techniques - (Ghulam Rasool)			
	Q 25	How extensive was the trainer's knowledge of the subject matter?	118	84.3%	
	Q 26	How effective was the trainer's style?	115	82.1%	
	Q 27	Did the content meet the training objectives?	108	77.1%	
	Q 28	How well was the content organised?	102	75.6%	79.8%
	<b>S IV</b>	Portrait Photography: A Practical Demonstration - Group Work (Ghulam Rasool)			
	Q 29	Was the group work relevant to the training objectives?	107	79.3%	
	Q 30	How effective was the trainer's style?	107	79.3%	
	Q 31	Did learning take place?	96	71.1%	
	Q 32	How well was the group work organised and managed?	88	65.2%	73.7%
<b>Day 3</b>	<b>S I</b>	Nature Photography: Orientation and Dynamics - (Ghulam Rasool)			
	Q 33	How extensive was the trainer's knowledge of the subject matter?	106	81.5%	
	Q 34	How effective was the trainer's style?	105	80.8%	
	Q 35	Did the content meet the training objectives?	93	74.4%	
	Q 36	How well was the content organised?	96	76.8%	78.4%
	<b>S II</b>	Facets of Scientific Photography - (Richard Garstang)			
	Q 37	How extensive was the trainer's knowledge of the subject	103	79.2%	

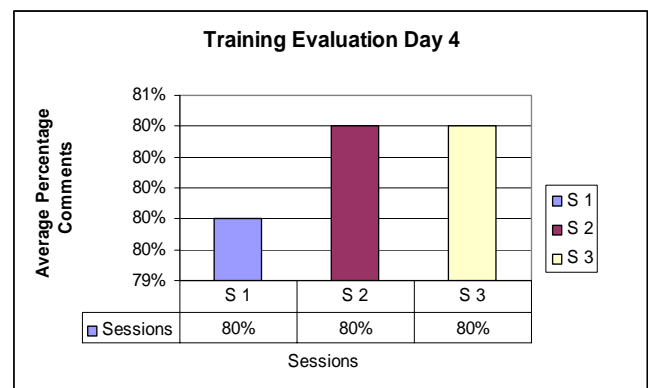
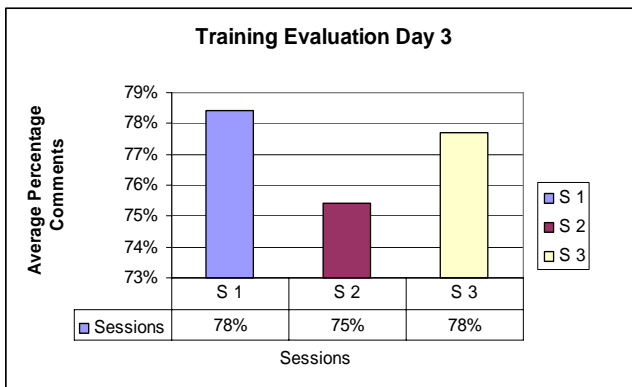
		matter?			
	Q 38	How effective was the trainer's style?	96	73.8%	
	Q 39	Did the content meet the training objectives?	98	75.4%	
	Q 40	How well was the content organised?	95	73.1%	75.4%
	<b>S III</b>	Understanding Nature Photography through Practical Demonstrations - Field Visit - (PWP Team)			
	Q 41	How well was the field visit organized?	95	73.1%	
	Q 42	Was the field visit relevant to the training?	104	80.0%	
	Q 43	Did learning take place during the visit?	101	77.7%	
	Q 44	Would you recommend this visit for other groups/ trainees?	100	80.0%	77.7%
<b>Day 4</b>	<b>S I</b>	Understanding Night Photography - (Ghulam Rasool)			
	Q 45	How extensive was the trainer's knowledge of the subject matter?	121	86.4%	
	Q 46	How effective was the trainer's style?	113	80.7%	
	Q 47	Did the content meet the training objectives?	106	75.7%	
	Q 48	How well was the content organised?	107	76.4%	79.8%
	<b>S II &amp; III</b>	Night Photography: Use of Tips and Techniques and Practical Demonstration of Night Photography (Ghulam Rasool & PWP Team)			
	Q 49	How well was the field visit organized?	112	80.0%	
	Q 50	Was the field visit relevant to the training?	115	82.1%	
	Q 51	Did learning take place during the visit?	106	75.7%	
	Q 52	Would you recommend this visit for other groups/ trainees?	117	83.6%	80.4%
<b>Day 5</b>	<b>S I</b>	Use of Photography - Hassan Zaki			
	Q 53	How extensive was the trainer's knowledge of the subject matter?	99	76.2%	
	Q 54	How effective was the trainer's style?	92	70.8%	
	Q 55	Did the content meet the training objectives?	93	71.5%	
	Q 56	How well was the content organised?	94	72.3%	72.7%
	<b>S I</b>	Use of Photography - Faisal Mueen Qamar			
	Q 57	How extensive was the trainers' knowledge of the subject matter?	93	74.4%	
	Q 58	How effective was the trainers' style?	81	64.8%	

	Q 59	How well was the content organized?	83	66.4%	
	Q 60	Did the content meet the training objectives?	84	67.2%	68.2%
	<b>S I</b>	Use of Photography - (Panel)			
	Q 61	How extensive was the panelist's knowledge of the subject matter?	94	81.7%	
	Q 62	How effective was their style?	87	75.7%	
	Q 63	Did the content meet the training objectives?	87	75.7%	
	Q 64	How well was the content organised?	88	76.5%	77.4%
	<b>S II</b>	Learned Aspects of Photography : Way Forward (Ghulam Rasool and Hassan Zaki)			
	Q 65	How extensive was the trainers knowledge of the subject matter?	103	82.4%	
	Q 66	How effective was the trainers style?	103	82.4%	
	Q 67	Did the content meet the training objectives?	99	79.2%	
	Q 68	How well was the content organised?	100	80.0%	81.0%
<b>General</b>		Evaluation of the Overall Training Event			
	Q 69	How will you rate the overall structure of the training module?	109	80.7%	
	Q 70	Did the training contribute towards the enhancement of your knowledge?	111	82.2%	
	Q 71	Did the trainers manage the group effectively?	103	76.3%	
	Q 72	Did the core faculty (Ghulam Rasool) manage the training effectively?	115	85.2%	
	Q 73	How well the folder was content organised?	94	69.6%	
	Q 74	Do you think you will be able to use training content in your work place?	101	74.8%	
	Q 75	How would you rate the facility (GIS Lab- NCCW) where the training was held?	91	70.0%	
	Q 76	How would you rate the lunch and tea arrangements at the training venue?	102	75.6%	76.8%
		Total Score and Rating of the Training Event	7,877	78.8%	

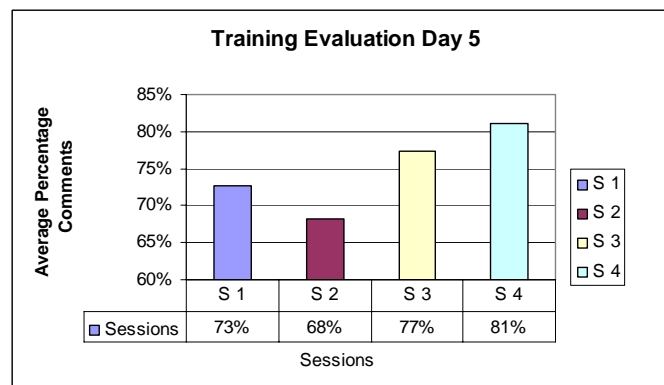
## Training Evaluation Charts



**Figure 1:** Graphical Presentation of session details of Day 1 **Figure 2:** Graphical Presentation of session details of Day 2



**Figure 3:** Graphical Presentation of session details of Day 3 **Figure 4:** Graphical Presentation of session details of Day 4



**Figure 5:** Graphical Presentation of session details of Day 5

## 12 Glimpses



**Figure 6:** Participants of Nature Photography Course