

GAF7

Gender in Aquaculture & Fisheries: Expanding the Horizons

PLACE	TIME	Session <i>Authors/ Presenters</i>
18-Oct-18		
AITCC Main Auditorium	0900-1000	Opening session
AIT Landmark	1000-1020	Group photo
	1020-1045	Tea
Hall 1 (B202) 1100-1230	Special workshop I : Photovoice: Researching gender in aquaculture and fisheries through the camera lens <i>Janine Pierce, AwF Australia</i>	
Hall 2 (TV Room) 1100-1230	Special workshop II : Plan International Seas for Change <i>Sadia Tahseen and Iris Caluag</i>	
Hall 3 (B206) 1100-1230	Session II: Gender-disaggregated statistics	
	Vulnerability levels among male and female in Malaysian fisheries and aquaculture community <i>Zumilah Binti Zainalaludin and Norehan Binti Saidi</i> STAT_01	
	Fisheries professionals of India: gendered analysis of profile, academic performance and career growth <i>Ananthan, P.S., Jyotimanjari Sahoo, Neha Qureshi and C. Sundaramoorthy</i> STAT_02	
	Work participation of fisher men and women among coastal fishing communities: A comparative study of two Indian states <i>Gomathy, V., Ananthan, P.S. and Hino Fernando</i> STAT_03	
	Changed gender role in higher education, research and employment in Aquaculture and Fisheries in Bangladesh: Opportunities and challenges <i>Mohammad Mahfujul Haque and Mohammad Nuruzzaman</i> STAT_P1	
Hall 4 (B225) 1100-1230	Session III: Gender and the seafood industry	
	Managing Mercado del Mar, a case of women's leadership in the fishing industry <i>Carmen Pedroza-Gutiérrez</i> GSF_01	
	The case of a 29-year-old women's association of small-scale fish farmers and processors <i>Angelito Gonzal, Tipparat Pongthanapanich and Pedro Bueno</i> GSF_02	
	Gender participation in the food safety implementation of boneless siganids <i>Siganus puellus</i> technology <i>Cherrylene G. Macachor, Corazon P. Macachor, Jesswon T. Tamundoc, Charena J. Castro and Renissa S. Quiñones</i> GSF_03	
	Changes in fishing communities and women fishers in Japan <i>Natsuko Miki, Kumi Soejima and Izumi Seki</i> GSF_04	
1230-1330	Lunch	

Hall 1 (B202) 1330-1500	Special workshop III : GAF101 : Using “Intersectionality” in Research on Gender and Fisheries and Aquaculture. A GAF 101 Training Session Prior Registration Needed <i>Marilyn Porter and Holly Hapke</i>
Hall 2 (TV Room) 1330-1500	Session I: Gender assessments in fisheries and aquaculture Gender Equity in bagnet creek fishery of North-West coast of India <i>S. Abuthagir Iburahim*, Suraj Kumar Pradhan, T.Nirmal, T.Velumani, Nakhawa Ajay Dayaram, R.Ratheesh Kumar and Latha Shenoy</i> GA_01
	Coconut water treated bottled sardines <i>Sardinella fimbriata</i> technology transfer: gender roles <i>Corazon P. Macachor, Jesson T. Tamundoc, Maribel V. Ramos, Cherrylene G. Macachor and Renissa S. Quinones</i> GA_02
	Gender differentiated needs and preferences of farmers for Rohu fish in Bangladesh and India <i>Mamta Mehar, Mekkawy Wagdy, Cynthia McDougall and John Benzie</i> GA_03
	Women’s empowerment through improved seaweed farming technology: The story of “sea power” in Zanzibar <i>Cecile Brugere, Flower E. Msuya, Narriman S. Jiddawi, Betty Nyonje and Ritha Maly</i> GA_04
Hall 3 (B206) 1330-1500	Session II: Gender-disaggregated statistics Profiling the relationship between vulnerability type and background of single-vulnerable community members in Malaysian fisheries and aquaculture community <i>Norehan Binti Saidi and Zumilah Binti Zainalaludin</i> STAT_04
	Study of the social status of fisherwomen in Patna fish market Bihar India <i>Meghna Sinha, Albiya Arshabi and Bibha Kumari</i> STAT_05
	Gender mainstreaming in fisheries’ household in Indonesia <i>Lilis Heri Mis Cich and Endih Herawandih</i> STAT_06
	Panel Discussion on Collecting Sex-Disaggregated Data <i>Panelists: Meryl J Williams, Belinda Richardson, Natasha Stacey, Sarah Harper</i>
Hall 4 (B225) 1330-1500	Session III: Gender and the seafood industry Profit or social capital? A case study of the motivations behind seaweed women’s groups in Indonesian villages <i>Silva Larson, Natalie Stoeckl, Mardiana Fachri, Mustafa Dalvi, Mike Rimmer and Nicholas Paul</i> GSF_05
	Women’s entrepreneurship in aquaculture: Learning from the existing positive deviators <i>Afrina Choudhury and Cynthia McDougall</i> GSF_06
	“The path forward: Breaking the cycle of inequalities in the seafood industry”: Results of a global survey carried out in 2017 <i>Marie Christine Monfort</i> GSF_07
	The current state and problem of the role of the woman organization in fishing community <i>Izumi Seki, Kumi Soejima and Natsuko Miki</i> GSF_08
1500-1530	Tea

Hall 1 (B202) 1530-1700	Special workshop III : GAF101 : Using “Intersectionality” in Research on Gender and Fisheries and Aquaculture. A GAF 101 Training Session Prior Registration Needed <i>Marilyn Porter and Holly Hapke</i>
Hall 2 (TV Room) 1530-1700	Session I: Gender assessments in fisheries and aquaculture How has organization benefited women in the Barbados flyingfish fishery? A look from within <i>Maria Pena and Patrick McConney</i> GA_05
	Addressing gender gaps from a programmatic perspective <i>Angela L. Cruz, Patrick J. Christie and Alan T. White</i> GA_06
	An evaluation of recent initiatives on gender, women and livelihoods in small-scale fisheries in Indonesia <i>Stacey, N., Gibson, E., Loneragan, N., Warren, C., Wiryawan, B., Adhuri, D. and Fitriana, R.</i> GA_07
	Human development of small scale fishers in Indian reservoirs: A gender based assessment <i>Pooja Gautam, Ananthan P S, Arpita Sharma and V. Ramasubramanian</i> GA_08
Hall 3 (B206) 1530-1700	Special workshop IV : Furthering/Deepening Feminist Perspectives in Fisheries <i>Nalini Nayak and Cornelia Quist</i>
Hall 4 (B225) 1530-1700	Session III: Gender and the seafood industry Can small scale fisherwomen take to online retail? Evidence from a social experiment with Mumbai fisherwomen <i>Siddhika Meher, Velumani, T, Ananthan, P.S and Arpita Sharma</i> GSF_09
	The challenges and empowerment of women fishery entrepreneurship groups in Japan: Examining the steps taken by the Umi Hito Kurashi forum <i>Kumi Soejima, Natsuko Miki and Izumi Seki</i> GSF_010
	Opportunities and constraints of sardine trading for women in Timor-Leste <i>Kim Hunnam</i> GSF_011
	Tuna fisheries gender analysis: Case of general Santos, Philippines <i>Marieta Bañez Sumagaysay, Alice Prieto-Carolino, Rowena Paz L. Gelvezon, Harold M. Monteclaro, Ida M. Siason and Rosario H. Asong</i> GSF_012
Hall 1 (B202) 1700-1800	General Assembly (for GAFS members only)
1800 onwards	Welcome Reception @ AITCC Restaurant

19-Oct-18	
Hall 1 (B202) 0900-0930	Sessions Plenary: Rapporteurs reports on the Workshops I; II; III & IV Sessions I, II, III
Hall 2 (TV Room) 0930-1030	Session I: Gender assessments in fisheries and aquaculture
	Women entrepreneurs in fish value chains: A micro level study of vulnerability and resilience in India <i>Gopakumar V., Sneha G, Holly M. Hapke and Amalendu Jyotishi</i> GA_09
	Engagements of women and men in the municipal and commercial tuna fisheries in Sarangani Province, Philippines <i>Alita T. Roxas, Marissa G. Dela Cruz, Paul Joseph B. Ramirez, and Lily Ann D. Lando</i> GA_010
	Shrimp industry gender gap in India: Case of Maharashtra state <i>Arpita Sharma and Sandesh Patil</i> GA_P1
	Gender participation on street food production of south reclamation project affected families <i>Renissa S. Quiñones and Corazon P. Macachor</i> GA_P2
Hall 3 (B206) 0930-1030	Session IV: Gender and Fisheries & Aquaculture Governance
	Challenges faced by fisher women of south India specific reference to Andhra Pradesh <i>Vijaya Khader</i> GOV_01
	Women struggle in a sea cucumber fishery. An outcome from an ungovernable fishery <i>Carmen Pedroza-Gutiérrez</i> GOV_02
	Caribbean Fisheries: Perspectives On Gender Too <i>Patrick McConney</i> GOV_P1
	Gender participation on the environmental protection practices of northern Cebu coastal resorts <i>Charena J. Castro, Corazon P. Macachor, Marde T. Ponce, Hubert G. Quiñones and Rosein A. Ancheta Jr.</i> GOV_P2
Hall 4 (B225) 0930-1030	Session III: Gender and the seafood industry
	Migrant women's strategies to cope with employment practices in Thai seafood sector: A case study from Rayong and Trat <i>Veena N and Kyoko Kusakabe</i> GSF_013
	Assessment of capacity building programmes for pre-processing and processing women workers in India <i>Nikita Gopal, Arathy Ashok, R. Raghu Prakash, Parvathy. U., Prajith K K, Renuka, Jesmi Debbarma and Joice V. Thomas</i> GSF_014
	From river to table: The roles of women in sustaining indigenous food production in a traditional riverrine community <i>Sashah B. Dioso</i> GSF_P1
	Food safety implementation in fish processing technology: Gender roles <i>Corazon P. Macachor, Cherrylene G. Macachor, Renissa S. Quiñones, Jean F. Nebrea and Charena J. Castro</i> GSF_P2
1030-1100	Tea

Hall 1 (B202) 1100-1230	Special workshop V : Exploring Gender Equity and Equality in the SSF Guidelines Co-organized by WorldFish and Conservation International Danika Kleiber, Whitney Yadao-Evans, and Cynthia McDougall
Hall 2 (TV Room) 1100-1230	Session I: Gender assessments in fisheries and aquaculture
	Gender Differences in Contribution to Coastal Household Income in the Philippines <i>Benedict Mark M. Carmelita, Alice Joan G. Ferrer, Jinky C. Hopanda, Herminia A. Francisco, and Canesio D. Predo</i> GA_011
	Gendered differences in nutritional status of fish-dependent households in Kerala, India <i>Jeyanthi. P, T.V. Sankar, Anandan, R, Suseela Mathew and Nikita Gopal</i> GA_012
	Understanding gender dimensions in small scale fisheries of Kep Province, Cambodia <i>Jariya Sornkliang, Norm Sina, Chin Leakhna, Lao Sophea, Yanida Suthipol and Bhawana Upadhyay</i> GA_013
	Digital story telling of women in fisheries and aquaculture in Nigeria: Assessment of their roles and contributions using specific case studies. <i>Foluke Omotayo Areola, Ayojesutomi O. Abiodun-Solanke, Adeola Eniola Ayano and Oluwafunmilola Juliana Shelika</i> GA_014
Hall 3 (B206) 1100-1230	Session IV: Gender and Fisheries & Aquaculture Governance
	"Lives on the move": Gendered aspects of migration in fishing villages in Sri Lanka <i>Nadine Vanniasinkam and Nirmi Vitarana</i> GOV_03
	Acknowledging the use right of women crab collectors over customary land use changes: A case study in Merauke, Papua-Indonesia. <i>Maria Kurupat and Ria Fitriana</i> GOV_04
	Outcomes from gender focused interventions for the shrimp PL collectors: Case of a fisher's slum from south-western coastal region of Bangladesh <i>Mohammad Nuruzzaman, Khandaker Rashidul Hasan and Gitte Andersen</i> GOV_05
	'Before we asked for permission, now we only give notice'. New gender relations in fisheries: women's entrance into small-scale artisanal fisheries in Chile <i>Gloria L Gallardo-Fernández and Fred Saunders</i> GOV_06
Hall 4 (B225) 1100-1230	Session V : Gender and climate change with reference to fisheries & aquaculture
	Gender-disaggregated impacts of a category 5 cyclone on rural fisher communities in Fiji <i>Sangeeta Mangubhai, Alyssa Thomas and Margaret Fox</i> CC_01
	Integrating gender perspective into sustainable livelihoods framework in vulnerabilities/impacts assessments of disasters: Cases in central Philippines <i>Gay Defiesta</i> CC_02
	Gender differences in coping strategies and adaptation to crisis experienced in coastal households in the Philippines <i>Benedict Mark M. Carmelita, Alice Joan G. Ferrer, Jinky C. Hopanda, Herminia A. Francisco, and Canesio D. Predo</i> CC_03
1230-1330	Lunch/ Carribbean Corner

Hall 1 (B202) 1330-1500	Special workshop VI : Role of women fishworker organizations towards implementation and monitoring of small scale fisheries guidelines; case of African Women Network of Fish Processors and Traders (AWFISHNET) Editrudith Lukanga and Kafayat Adetoun Fakoya
Hall 2 (TV Room) 1330-1500	Session I: Gender assessments in fisheries and aquaculture
	Gender in aquaculture and fisheries in Odisha: A study on worldfish program <i>Surendran Rajaratnam, Neetha Shenoy and Cynthia McDougall</i> GA_015
	The role of women in coastal region of Pekalongan and Tegal – Indonesia: A value chains selection between fish vs others <i>Aini Nur Furoida, Fendika Damar Pengestu, Ika Suciati, and Indah Susilowati</i> GA_016
	Increasing the profit position of women small scale entrepreneurs in the rock oyster industry of Samar, Philippines <i>Marieta Bañez Sumagaysay and Gerwyn P. Enerlan</i> GA_017
	Socio-economic determinants of gender among small scale fishers practicing alternate livelihoods along coastal Andhra Pradesh, India –an empirical study <i>Swathi Lekshmi P.S, R.Narayanakumar, Vipinkumar V.P, Shyam S.Salim and Johnson B</i> GA_018
Hall 3 (B206) 1330-1500	Session IV: Gender and Fisheries & Aquaculture Governance
	Locating the context of gender in fisheries policies of India <i>Rajiv Rathod, Sambit Priyadarshi, Arpita Sharma, Velumani T. and Dileshwari Ratre</i> GOV_07
	From Resistance to Internalization: The Spread of ‘Gender Equality’ in Small-scale Fisheries Governance <i>Sarah Lawless</i> GOV_08
	Voices from the shore: Lived experience of women as leaders in fisher organizations in Bolinao, northern Philippines <i>Sheila Marie M. Dasig</i> GOV_09
	The potential of Community Savings Groups in enabling women’s empowerment and Hilsa conservation <i>Tanzina Nazia, Afrina Choudhury and Abdul Wahab</i> GOV_010
Hall 4 (B225) 1330-1500	Session V : Gender and climate change with reference to fisheries & aquaculture
	Gender differentiated coping strategies among ethnic Vietnamese fishers in the face of a decrease in fishing resources in Chhnok Tru district, Cambodia <i>Raksa Sok</i> CC_04
	Gender and climate change adaptation in aquaculture: Improving data collection with a web-based platform <i>Emmanuelle Bourgois, Flavie Denelle and Fang Ning Tan</i> CC_05
1500-1530	Tea

Hall 1 (B202) 1530-1730	Special workshop VII : Gender transformative approaches in fisheries and aquaculture: An exploration of strategies and emerging outcomes <i>Cynthia McDougall, Steven Cole and Afrina Choudhury, WorldFish</i>
Hall 2 (TV Room) 1530-1730	Session I: Gender assessments in fisheries and aquaculture
	Occupational hazard among women fish smokers in coastal areas of Ondo state, Nigeria <i>Funmilola Agbebi</i> GA_019
	Gender differences in possession of unused livelihood skills and desire to be involved in livelihood opportunities in coastal households in the Philippines <i>Benedict Mark M. Carmelita, Alice Joan G. Ferrer, Jinky C. Hopanda, Herminia A. Francisco, and Canesio D. Predo</i> GA_020
	Organizing women to promote gender equity: The case of fishing villages in Miagao, Iloilo, Philippines <i>Mary Barby P. Badayos-Jover</i> GA_021
	Role of gender focused intervention in haor floodplain: Case of women-led cage aquaculture from Kishoreganj haor areas <i>AKM Nowsad Alam, Mohammad Nuruzzaman and Shahidul Islam Bhuiyan</i> GA_022
	Inclusive value chains: The case of seaweeds farming in Zamboanga Peninsula, Philippines <i>Paul Joseph B. Ramirez, Teresita A. Narvaez, Maripaz L. Perez, and Earl Joanne Santos-Ramirez</i> GA_P3
The Triple Roles of Fishers' Wives to Support Their Household Economy: An Empirical Study in Tegalsari and Muarareja Villages, Tegal – Indonesia <i>Hapsari Ayu Kusumawardhani and Indah Susilowati</i> GA_P4	
Hall 3 (B206) 1530-1730	Session IV: Gender and Fisheries & Aquaculture Governance
	Is fishing gendered? Women as equal partners in KRS reservoir fisheries, India <i>Velumani, T, Ananthan, P.S, Ramasubramanian and Rama Krishna</i> GOV_011
	Women's leadership in community fisheries: Case in Kampot and Banteay Meanchey in Cambodia <i>Kyoko Kusakabe and Prak Sereyvath</i> GOV_012
	Enhancing women's leadership to influence the productivity of rice field fisheries enhancement project (2012-2015) <i>Miratori Kim, Vichet Sean, Vanvuth Try, Yumiko Kura and Sarah Freed</i> GOV_013
Indigenous women rising: A spotlight on the role of indigenous women in transforming fisheries governance on Canada's pacific coast <i>Sarah Harper, Anne K. Salomon, Dianne Newell, Pauline (Holistis) Waterfall, Kelly Brown, Leila Harris and U. Rashid Sumaila</i> GOV_P3	
Hall 4 (B225) 1530-1730	Session VI: Focus on SDG5, and other SDGs, in fisheries and aquaculture
	Aquaculture through the lens of gender: An investigation into the socio-economic impact of seaweed farming on coastal communities in Bantayan, Philippines <i>Elena Mengo, Gaetano Grilli, Rose-Liza Eisma-Osorio, Jonathan O. Etcuban, Judy Ann Ferrater-Gimena and Annie Tan</i> SDG_01
	Gender-transformative approaches to development in coastal and fishing communities in the English-speaking Caribbean <i>Leisa Perch, Patrick McConney and Maria Pena</i> SDG_02
	Harnessing Palauan fisherwomen's ecological knowledge for sustainable management <i>Caroline Ferguson</i> SDG_P1
	Exploring female involvement in Malaysian micro and small scale aquaculture operation (MiSAO) <i>Zakiah binti Adun and Zumilah Zainalaludin</i> SDG_P2
Gender roles and poverty determinants of fish farmer's households in Oyo state, Nigeria <i>Omitoyin, Siyanbola. A. and Chineke, Ebube. C.</i> SDG_P3	
1800 onwards	Reception Dinner @ Korea House

20-Oct-18	
Hall 1 (B202) 0900-0930	Sessions Plenary: Rapporteurs reports on the Workshops V; VI; VII; Session I; III; IV; V & VI
Hall 1 (B202) 0930-1030	Special workshop VIII : Gender Analysis through Micro and Small Aquaculture Operation (MiSAO) Best Aquaculture Practises (M-BAP) <i>Zumilah Binti Zainalaludin</i>
Hall 2 (TV Room) 0930-1030	Session I: Gender assessments in fisheries and aquaculture
	Promoting gender in fisheries in Lao PDR <i>Dongdavanh Sibounthong</i> GA_023
	Promoting women's empowerment and gender equality in Myanmar fisheries and aquaculture sub-sectors <i>Lemlem Aregu, Cynthia McDougall, Surendran Rajaratnam and Michael Akester</i> GA_024
Hall 3 (B206) 0930-1030	Session VIII: Learning exchanges - experiences and lessons
	Two birds with one stone: Fisheries monitoring as a tool for empowering women and informing marine management <i>Jenny House and Nick Piludu</i> LE_01
	Caribbean Small-Scale Fisherwoman Learning Exchange in Costa Rica: Women's Voices <i>Bertha Simmons and Nadine Nembhard</i> LE_02
	Roles of women in promoting safety of children in small islands: The case of teach drr in Carles, Iloilo, Philippines <i>Josephine T. Firmase, Jorge S. Ebay, Darlene Joy D. Calsado and Lovella Mae M. Magluyan</i> LE_P1
	Women shell fishers in small island communities: Roles, risks and recommendations <i>Lovella Mae M. Magluyan, Josephine T. Firmase and Jorge S. Ebay</i> LE_P2
1030-1100	Tea
Hall 1 (B202) 1100-1230	Special workshop IX : Mainstreaming gender in fisheries education <i>Mary Barby P. Badayos-Jover, Arpita Sharma, Kyoko Kusakabe, Salin Krishna and Kumi Soejima</i>
Hall 2 (TV Room) 1100-1230	Session I: Gender assessments in fisheries and aquaculture
	Seaweed farming in Western Visayas: Strengthening the roles of women <i>Caridad N. Jimenez, Nieves A. Toledo and Soledad S. Garibay</i> GA_025
	Lens on Gender in Oyster farming and Grouper Fish Farming in Vietnam <i>Janine Pierce</i> GA_026
	Gender equity and women empowerment in the fisheries value chain in Bitung, North Sulawesi, Indonesia: A case study <i>Reiny A. Tumbol, Alvon Jusuf, Daisy M. Makapedua and Jardie Andaki</i> GA_027
	An analysis of social relations outcomes on women participating in small scale fish value chains on Lakes Malawi and Chilwa <i>Chikondi L. Manyungwa-Pasani, Mafaniso Hara and Sloans K. Chimatiro</i> GA_P5
Hall 3 (B206) 1100-1230	Session VIII: Learning exchanges - experiences and lessons
	Promoting financial literacy among women in island fishing communities through comsca : The case of Gigantes islands, Carles, Iloilo, Philippines <i>Darlene Joy D. Calsado, Josephine T. Firmase, Jorge S. Ebay, Aprille Danilly A. Guintibano, and Lovella Mae M. Magluyan</i> LE_03
	The teaching of local taboos among the youth of pandan, antique, Philippines and its implications to Fisheries resource management <i>Elmer L. Jover and Sashah B. Dioso</i> LE_04
	Stories from village-based seaweed groups in Indonesia: Chips, sticks and bakso <i>Mardiana Fachry, Natalie Stoeckl, Silva Larson, Mustafa Dalvi, Mike Rimmer and Nicholas Paul</i> LE_05

1230-1330	Lunch
Hall 1 (B202) 1330-1500	Session VII: Gender research methods in fisheries & aquaculture
	Women fisherfolk Barbados-a gendered lens <i>Debra D. Joseph, Maria Pena and Leisa Perch</i> RM_01
	Time to connect GAF research to the political economy of the fish value chain revolution that is shaping women's inequality <i>Meryl J Williams</i> RM_02
	Sustainability of Fish based enterprises among women in Kerala: An analysis in context of highly competitive value chain <i>Rejula, K., Ashaletha,S., Mohanty,A.K and Sajesh,V.K.</i> RM_03
	Story-telling with photo-voice: Women fisherfolk Barbados-a gendered lens <i>Debra D. Joseph, Maria Pena and Leisa Perch</i> RM_P1
Hall 2 (TV Room) 1330-1500	Film Screening: Winning entries of the "women in seafood" video competition organised by WSI, with the support of MATIS and AFD the French Development Agency.
Hall 3 (B206) 1330-1500	Session VIII: Learning exchanges – experiences and lessons
	Women in fisheries and aquaculture in Nigeria: Introducing the bootstrap in the roadmap <i>Francis M. Nwosu, Kafayat A. Fakoya, Shehu L. Akintola and Ayojesutomi O. Abiodun-Solanke</i> LE_06
	Advancing gender in the environment (agent): Gender in fisheries — A sea of opportunities <i>Maria Prebble and Jackie Siles</i> LE_07
	Bringing the gender considerations at the centre of fisheries education agenda <i>Arpita Sharma</i> LE_08
	Successful Women Leadership in the Aquatic Animal Food Bank Project: Case study of Sapsomboo Model, Buriram Province, Thailand <i>Malasri Khumsri and Amornrat Sermwattanakul</i> LE_09
1500-1530	Tea
Hall 1 (B202) 1530-1630	Sessions Plenary: Rapporteurs reports on Workshops VIII & IX; Sessions I; VII & VIII
Auditorium 1630-1700	Closing: Sessions Summary; Prizes; GAF7 Declaration
21-Oct-18	
Field Trip	