

Joint Meeting

10th International Conference on Salt Lake Research & FRIENDS of Great Salt Lake Issues Forum

University of Utah — Salt Lake City, Utah — May 11-16, 2008

Draft Schedule of Events

Sunday 11th (evening)

- 5:30 Registration (Officer's Club)
- 6:00 Opening Social (hors d'oeuvres) Officer's Club



Monday 12th

8:00 AM **Opening Ceremony (Post Theatre)**

8:45 AM **Plenary (Post)** Robert Jellison THE CONSERVATION AND MANAGEMENT OF SALT LAKES: PAST, PRESENT, AND FUTURE

9:30 AM **Coffee Break (Officer's Club West Room)**

Concurrent Sessions

1. Microorganisms in hypersaline environments (Officers Club North Room)

10:00 AM	Aharon	Oren*	ENVIRONMENTAL GENOMICS STUDIES IN THE DEAD SEA
10:20 AM	Carol	Litchfield	OVERVIEW OF THE MICROBIAL DIVERSITY IN GREAT SALT LAKE: RESULTS USING BOTH CULTIVATION AND MOLECULAR TECHNIQUES
10:40 AM	Misty	Riddle	MOLECULAR IDENTIFICATION OF MICROBES ASSOCIATED WITH THE BRINE SHRIMP <i>ARTEMIA FRANCISCANA</i> .
11:00 AM	Giovanni	Rompato	MICROBIAL DIVERSITY AND FUNCTIONAL ECOLOGY OF THE GREAT SALT LAKE
11:20 AM	Bonnie	Baxter	SALTY SECRETS OF ANCIENT BRINE: CELLULOSE ENCASED IN 250 MA PERMIAN HALITE
11:40 AM			

2. Physical-chemical processes in saline lakes (Officer's Club South Room)

	Robert	Spall*	BASIN-SCALE MOTION IN THE SOUTH ARM OF THE GREAT SALT LAKE
	Uma	Panda	NUMERICAL MODELLING OF CIRCULATION IN A TROPICAL LAGOON: A CASE STUDY IN CHILIKA LAGOON, EAST COAST OF INDIA
	Kristen	Reifel	GYPSUM PRECIPITATION EVENTS IN THE SALTON SEA: THE ROLE OF MINERAL FORMATION ON OPTICAL PROPERTIES IN A HYPERSALINE LAKE
	Oleksandr	Goncharov	CURRENT STATE AND LONG-TERM CHANGES OF HYDROCHEMICAL REGIME AND PRIMARY PRODUCTION IN SALT WATER BODIES OF SOUTH OF UKRAINE
	Thomas	Ballatore	ESTIMATING THE GLOBAL EXTENT OF ENDORHEIC BASINS, TERMINAL LAKES AND SALINE LAKES: AN EXPERIMENTAL APPLICATION TO AFRICA
	Kakabay	Hankuliev	COMPARATIVE CHANGES IN THE HYDROCHEMISTRY OF THE ARAL SEA, UZBEKISTAN (2002 TO 2007) AND KARABOGOZGOL, TURKMENISTAN (2000 TO 2--2) AND THE CORRESPONDING ALTERATIONS IN RESIDENT BIOTA

12:00 PM **Lunch**

1b. Microorganisms in hypersaline environments (Officer's Club North Room)

1:20 PM	Jacob	Parnell*	EVIDENCE OF AUTOTROPHIC AMMONIA OXIDATION IN THE HYPERSALINE NORTH ARM OF THE GREAT SALT LAKE.
1:40 PM	Craig	Oberg	ISOLATION AND CHARACTERIZATION OF CHITIN-UTILIZING HALOPHILES FROM THE GREAT SALT LAKE, UT
2:00 PM	Natalie	Savage	CHARACTERIZATION OF BACTERIOPHAGE ISOLATED FROM THE GREAT SALT LAKE
2:20 PM	Omneya	Osman	EFFECT OF OSMOTIC DOWNSHOCK TREATMENT ON THE YIELD OF ECTIONE SYNTHESIZED BY HALOMONAS SP. EG6

3. Wetlands (Officer's Club South Room)

	Heidi	Hoven	DEVELOPING VEGETATION METRICS FOR 305(B)/303(D) ASSESSMENTS FOR GREAT SALT LAKE IMPOUNDED WETLANDS
	Theron	Miller	USE OF MACROINVERTEBRATES TO DESCRIBE WETLAND CONDITION AND BENEFICIAL USE SUPPORT IN GREAT SALT LAKE WETLANDS
	David	Herbst*	EXPERIMENTAL STUDIES OF CHANGES IN BENTHIC INVERTEBRATE COMMUNITY COMPOSITION AND PRODUCTIVITY OVER SALINITY GRADIENTS
	Earl	Byron	RESTORING THE WATER QUALITY OF THE SALTON SEA, CALIFORNIA: CHALLENGES IN ESTIMATING RISKS FROM SELENIUM AND EUTROPHICATION

2:40 PM **Coffee Break (Officer's Club West Room)**

1b. Microorganisms in hypersaline environments (Officer's Club North Room)

3:20 PM	Tim	Lowenstein	DUNALIELLA TRAPPED IN FLUID INCLUSIONS IN MODERN AND ANCIENT (?) HALITE, DEATH VALLEY AND SALINE VALLEY, CA
3:40 PM	Brian	Schubert	BACTERIA, ARCHAEA, AND DUNALIELLA TRAPPED IN FLUID INCLUSIONS IN ANCIENT HALITE, DEATH VALLEY, CA
4:00 PM	Bart	Weimer	SURVEYING THE METABOLIC DIVERSITY OF THE GREAT SALT LAKE
4:20 PM	Brandon	Swan	DEATH, DEOXYGENATION AND DIVERSITY IN A DESERT LAKE: THE STRUCTURING IMPACT OF SULFIDE IRRUPTIONS ON MICROBIAL COMMUNITIES IN THE SALTON SEA, CA
4:40 PM			ROUND-TABLE DISCUSSION (B. Baxter; C. Litchfield; A. Oren; B. Weimer)

3. Wetlands (Officer's Club South Room)

	Thomas	Anderson	AVIAN USE OF A CONSTRUCTED SALINE WETLAND COMPLEX AT THE SALTON SEA, CALIFORNIA
	Keith	Miles	ECOLOGICAL BALANCE OF RE-CREATED SHALLOW WATER WETLANDS, SALTON SEA, CALIFORNIA
	Brian	Nicholson	LANDSCAPE-LEVEL WETLAND CONSERVATION: DEVELOPMENT OF A SPECIAL AREA MANAGEMENT PLAN ON THE SHORES OF THE GREAT SALT LAKE.
	Ann	Neville	THE GOOD, THE BAD, AND THE BEAUTIFUL. TEN YEARS OF AVIAN HABITAT MITIGATION MANAGEMENT NEAR GREAT SALT LAKE UTAH
	Dennis	Wenger	CLASSIFICATION OF GREAT SALT LAKE WETLANDS USING HIGH-RESOLUTION AIRBORNE MULTISPECTRAL IMAGERY

Session Chairs*

4:00 PM **Environmental Education Forum. Round-Table Discussion (Post Theater)**

5:20 PM **ISSLR Member Meeting (Officer's Club South Room)**

7:30 PM **Presentation by Hikmet Loe - Spiral Jetty and the Power of Place (Post Theatre)**

Tuesday 13th

8:30 AM	Plenary (Post)	Ittai	Gavrieli	IS THE DEAD SEA DYING AND WILL THE PROPOSED RED SEA--DEAD SEA CONDUIT SAVE IT?
9:00 AM	Plenary (Post)	Aharon	Oren	MICROBIAL DIVERSITY AND MICROBIAL ABUNDANCE IN SALT-SATURATED BRINES: WHY ARE THE WATERS OF HYPERSALINE LAKES RED?
9:30 AM	Coffee Break (Officer's Club West Room)			

Concurrent Sessions

4. Algae & Cyanobacteria in Salt Lakes (Officer's Club South Room)

10:00 AM	Mark	Coleman	OXYGEN PRODUCTION AND USE IN BENTHIC MATS OF SOLAR SALT PONDS
10:20 AM	Fanjing	Kong	CHARACTERIZATION OF A PICOPANKTON ISOLATED FROM SODA LAKE IN INNER MONGOLIA OF CHINA
10:40 AM	William	Henley*	GLOBAL PHYLOGEOGRAPHY OF DUNALIELLA
11:00 AM	John	Cushman	EXPLORING THE USE OF HALOPHYTIC GREEN ALGAE FOR BIOFUEL PRODUCTION
11:20 AM	Juergen	Polle*	CAROTENOID BIOSYNTHESIS IN THE HALOPHILIC ALGA DUNALIELLA SALINA TEODORESICO (CHLOROPHYTA)
11:40 AM			

12:00 PM Lunch

12:00 PM Student Luncheon (University Guest House - Meeting Room C)

6. Algae & Ecosystems (Officer's Club South Room)

1:20 PM	Jasmine	Saros*	BIOCHEMICAL TOOLS AND NUTRIENT ENRICHMENT ASSAYS REVEAL PHYTOPLANKTON NUTRIENT LIMITATION BY NITROGEN, PHOSPHORUS, AND IRON IN PRAIRIE SALINE LAKES
1:40 PM	Courtney	Salm*	PATTERNS OF SEASONAL PHYTOPLANKTON SUCCESSION AND DISTRIBUTION IN PRAIRIE SALINE LAKES OF THE NORTHERN GREAT PLAINS (U.S.A.)
2:00 PM	Aris	Holz	EXPERIMENTAL LABORATORY STUDY OF PHYTOPLANKTON COMMUNITY NUTRIENT LIMITATION ACROSS A SALINITY GRADIENT IN THE SANDHILLS LAKES OF NEBRASKA
2:20 PM	John	Melack	COMMUNITY METABOLISM AND DIEL VARIABILITY IN AFRICAN SODA LAKES

2:40 PM Coffee Break (Officer's Club West Room)

3:20 PM	Hillary	Roney	COMPETITIVE EXCLUSION OF CYANOBACTERIA IN THE GREAT SALT LAKE
3:40 PM	Shane	Bradt	THE USE OF REMOTE SENSING TO TRACK PHYTOPLANKTON DISTRIBUTION IN THE GREAT SALT LAKE, UTAH, USA
4:00 PM	Pautova	L.A.	THE PRESENT-DAY CENTRAL CASPIEN SEA PHYTOPLANKTON

4:30 PM Poster Session & Social (Officer's Club East Room)

7:30 PM Student Career Panel (1.5 hr; University Guest House - Meeting Room C)

5. Ephemeral Lakes & Mineral Dust (Officer's Club North Room)

Sebastian	Engelstaedter	ASSESSING THE ROLE OF DUST FROM SALT LAKES AND LAKE DEPOSITS FOR THE GLOBAL DUST BUDGET
Thomas	Gill*	SALT FLAT BASIN'S CONTRIBUTION TO REGIONAL DUST PRODUCTION AND POTENTIAL INFLUENCE ON DRY DEPOSITION IN THE GUADALUPE MOUNTAINS (TEXAS)
Richard	Reynolds	CRUSTS AND DUSTS AT PLAYAS IN THE MOJAVE DESERT, USA
Joel	Gilbert	GEOCHEMISTRY AND POTENTIAL PLAYA SOURCES OF THE JANUARY 7, 2008 SOUTHWESTERN NEW MEXICO "MILKY RAIN"
George	Breit	RELATIONS OF TRACE METALS IN SURFACE SALTS TO THE UNDERLYING GROUND WATER OF FRANKLIN LAKE PLAYA AND THE ASH MEADOWS AREA OF NEVADA AND CALIFORNIA.
ZhongPing	Lai	TIMING FOR THE EVOLUTION OF SALT LAKES IN THE QAIDAM BASIN, NORTHWESTERN CHINA

7. Mineral Industries and Salt Chemistry (Officer's Club North Room)

Ying	Zeng	PHASE DIAGRAM FOR THE TERNARY SYSTEM CONTAINING LITHIUM, SODIUM AND SULFATE AT 273 K
Tianlong	Deng	SOLID-LIQUID METASTABLE PHASE EQUILIBRIA IN THE AQUEOUS SYSTEM OF POTASSIUM SULFATE AND MAGNESIUM SULFATE AT 288.15 K AND 308.15K
Tom	Tripp*	PRODUCTION OF MAGNESIUM FROM THE GREAT SALT LAKE
Shi-hua	Sang	A STUDY ON METASTABLE EQUILIBRIA FOR THE QUATERNARY SYSTEM $Li_2B_4O_7 + Na_2B_4O_7 + K_2B_4O_7 + H_2O$ AT 15C
Haizhou	Ma	DEVELOPMENT AND UTILIZATION OF BRINE WITH HIGH QUALITY BISCHOFITE AND OTHER ELEMENTS AFTER THE EXTRACTION OF POTASSIUM FROM SALT LAKE IN CHINA
Yahong	Li	PREDICTION OF THE SOLUBILITY OF HCL-MGCL2-H2O SYSTEM AT -5°C USING THE ION-INTERACTION MODEL
Stuart	Hurlbert	POLITICAL CORRECTNESS, FEAR, VENALITY AND ENVIRONMENTAL DESTRUCTION

Wednesday 14th

8:45 AM Mid-Conference Field Trips to Great Salt Lake (Meet in University Guest House Parking Lot)

7:30 PM A Great Salt Lake Photographic Survey by Michael Slade (Post Theater)

Thursday 15th

8:30 AM	Plenary (Post)	Walt	Baker	THE LONG ROAD TO DEVELOPING A SELENIUM STANDARD FOR GREAT SALT LAKE (AND BEYOND)
9:00 AM	Plenary (Post)	Nickolay	Aladin	THE ARAL SEA: LEVEL, SALINITY AND THE CREEPING CHANGES IN BIOLOGICAL COMMUNITIES OF AN ENDANGERED ECOSYSTEM
9:30 AM	Coffee Break (Officer's Club West Room)			

Concurrent Sessions

8. Trace Metal Cycling (Officer's Club North Room)

10:00 AM	David	Naftz*	SOURCES AND GEOCHEMICAL CYCLING OF SELENIUM, GREAT SALT LAKE, UTAH
10:20 AM	Gennaro	Dicataldo	DAILY CHANGES IN DISSOLVED SELENIUM IN A WETLAND OF THE GREAT SALT LAKE: OCCURRENCE AND CAUSES.
10:40 AM	Diego	Fernandez	PHYSICAL AND CHEMICAL CHARACTERIZATION OF PARTICULATES FROM THE GREAT SALT LAKE, UTAH
11:00 AM	Ximena	Diaz	VOLATILE SELENIUM FLUX FROM THE GREAT SALT LAKE, UTAH
11:20 AM	Wade	Oliver	ESTIMATING SELENIUM REMOVAL BY SEDIMENTATION FROM GREAT SALT LAKE, UTAH
11:40 AM	William	Johnson*	SELENIUM MASS BALANCE FROM THE GREAT SALT LAKE, UTAH

9. Biodiversity and Conservation (Officerr's Club South Room)

Katia	Hueso Kortekaas	BIODIVERSITY OF INLAND SALTSCAPES OF THE IBERIAN PENINSULA
Brian	Timms*	A STUDY OF THE SALINE LAKES OF THE ESPERANCE HINTERLAND, WESTERN AUSTRALIA, WITH SPECIAL REFERENCE TO THE ROLE OF ACIDITY AND EPISODICITY
Bindy	Datson	THE EFFECT OF SALT ON GERMINATION OF SAMPHIRE SPECIES
Amin	Eimanifar	GENETIC COMPARISON OF <i>ARTEMIA FRANCISCANA</i> AND AN IRANIAN ARTEMIA STOCK FROM MAHARLU LAKE USING PCR-RAPD TECHNIQUE
Mahendra	Kumar	A STUDY ON SPECIES ENVIRONMENT RELATIONSHIP OF COPOSA SALAR IN THE HIGHER ALTITUDES OF NORTHERN CHILE

12:00 PM Lunch

12:00 PM Working Lunch: Workshop Research Agendas for Saline Lakes - Lessons learned on how to plan and prioritize technical issues and research needs (Officer's Club South Room)

8. Trace Metal Cycling (Officer's Club North Room)

2:00 PM	Harry	Ohlendorf	DEVELOPMENT OF A SITE-SPECIFIC STANDARD FOR SELENIUM IN OPEN WATERS OF GREAT SALT LAKE, UTAH
2:20 PM	Kimberly	Beisner	SELENIUM AND TRACE ELEMENT MOBILITY AFFECTED BY PERIODIC INTERRUPTION OF MEROMIXIS IN THE GREAT SALT LAKE, UTAH
2:40 PM	Marjorie	Brooks	REGULATION OF SELENIUM FLOW THROUGH FOOD WEBS: LIMITS TO UPTAKE BY PHYTOPLANKTON AND THEIR BRINE SHRIMP GRAZERS.
3:00 PM	Michael	Conover	CONCENTRATION OF MERCURY AND SELENIUM ON GREAT SALT LAKE BIRDS AND EFFECTS ON AVIAN HEALTH

10. Bird ecology & conservation (Officer's Club South Room)

Don	Paul	LINKING COMMUNITIES, WETLANDS AND MIGRATORY BIRDS; AN EXPERIMENT IN SALT LAKE BIRD CONSERVATION
Robert	Wilson	WINTER POPULATIONS OF BALD EAGLES (<i>HALIAEETUS LEUCOCEPHALUS</i>) ON GREAT SALT LAKE
John	Cavitt	BREEDING PRODUCTIVITY OF WATERBIRDS AT GREAT SALT LAKE: THE EFFECTS OF PREDATORS AND LAND MANAGEMENT.
Mark	Ricca	SPATIAL USE AND SURVIVAL OF POST-HATCHLING BLACK-NECKED STILT CHICKS IN RE-CREATED SALTON SEA SHALLOW WATER WETLANDS.

3:20 PM Coffee Break (Officer's Club West Room)

4:00 PM	Brad	Marden	SELENIUM IN WATER, SESTON, AND <i>ARTEMIA</i> FROM THE GREAT SALT LAKE, Utah FROM APRIL 2006 TO AUGUST 2007
4:20 PM			
4:40 PM			

Nicole	Athearn	AVIAN RESPONSE TO EARLY TIDAL SALT MARSH RESTORATION AT FORMER COMMERCIAL SALT EVAPORATION PONDS IN SAN FRANCISCO BAY, CA, USA.
Ann	Manning	INTERMOUNTAIN WEST AQUATIC BIRD SURVEY
Eric	McCulley*	AN ADAPTIVE MANAGEMENT APPROACH TO OPTIMIZING WETLAND HABITAT FOR BIRDS ALONG THE SHORE OF GREAT SALT LAKE

4:30 PM Poster Session (Officer's Club East Room)

4:30 PM Living Lakes Discussion (Officer's Club West Room)

5:45-10:00 PM Banquet--This is the Place Heritage Park (2601 East Sunnyside Ave). Board buses at University Guest House at 5:45. Guest speaker Rainer Hoenicke, San Francisco Estuary Institute

Friday 16th

8:30 AM **Plenary** Doug Barnum THE SALTON SEA: INTEGRATED SCIENCE FOR SALVAGING CALIFORNIA'S LARGEST LAKE
(Post)

9:00 AM **Coffee Break (Officer's Club West Room)**

Concurrent Sessions

11. Mercury & Other Contaminants (Officer's Club North Room)

9:40 AM	Bruce	Waddell	U.S. FISH & WILDLIFE SERVICE EVALUATION OF CONTAMINANTS EXPOSURE IN THE WETLANDS & OPEN WATERS OF THE GREAT SALT LAKE, 1996-2000.
10:00 AM	Nathan	Darnall*	DYNAMICS OF MERCURY IN EARED GREBES ON THE GREAT SALT LAKE
10:20 AM	Jacob	Parnell	MERCURY AND SULFUR CYCLING IN THE GREAT SALT LAKE.
10:40 AM	Kathryn	Kuivila	CURRENT-USE PESTICIDES IN THE SALTON SEA, CALIFORNIA: UNDERSTANDING INPUTS AND IMPLICATIONS FOR RESTORATION
11:00 AM	Josh	Vest	INORGANIC CONTAMINANT CONCENTRATIONS AND BODY CONDITION IN WINTERING WATERFOWL FROM GREAT SALT LAKE, UTAH
11:20 AM	J.E.	Purvis	THE EFFECTS OF MINING ON A SALT LAKE IN THE WESTERN AUSTRALIAN GOLDFIELDS
11:40 AM			

12. Management and Education (Officer's Club South Room); Session Chair, Greg Reis

Enrique H	Bucher	MANAGING SALT LAKES IN THE NEOTROPICS: CHALLENGES AND ALTERNATIVES. THE CASE OF MAR CHIQUITA, ARGENTINA
Wayne	Wurtsbaugh	EUTROPHICATION, NUTRIENT FLUXES, AND CONNECTIVITY BETWEEN BAYS OF THE GREAT SALT LAKE, UTAH (USA)
Jesus-Fernando	Carrasco Vaya	THE ROLE OF NGOS IN THE CONSERVATION AND MANAGEMENT OF SALTSCAPES IN SPAIN. THE CASE OF THE ASSOCIATION OF FRIENDS OF INLAND SALINAS
Carla	Koons Trentelman	THE EFFECT OF PHYSICAL TRAITS OF A SALINE LAKE ON RESIDENTS' RELATIONSHIPS WITH THE LAKE
Katie	Pearce	LAKESIDE LEARNING PROGRAM: USING GSL AS AN OUTDOOR CLASSROOM WITH FRIENDS OF GREAT SALT LAKE
Holly	Godsey	SCIENTIFIC INQUIRY FOR K-12 STUDENTS AT GREAT SALT LAKE: A PARTNERSHIP BETWEEN THE UNIVERSITY OF UTAH, PUBLIC AGENCIES, ADVOCACY GROUPS AND THE K-12 COMMUNITY
Kamal	Shaltout	MANAGEMENT OF LAKE BARDAWIL: A HYPERSALINE LAKE IN NORTH SINAI, EGYPT

12:00 PM **Lunch** **Slide Presentation by Rosalie Winard: An Itinerant Photographer of the Wetlands (Post Theatre)**

13. Geology & Geography (Officer's Club North Room)

1:20 PM	Genevieve	Atwood*	SHOREZONE LANDFORMS OF SHALLOW CLOSED-BASIN LAKES, EVIDENCE OF STORM-WIND STRENGTH AND DIRECTION.
1:40 PM	Mianping	Zheng*	PALEOENVIRONMENTAL RECORDS OF ZABUYE SALT LAKE ON THE TIBETAN PLATEAU, CHINA, SINCE THE LATE PLEISTOCENE
2:00 PM	Cory	Angeroth	MONITORING BIDIRECTIONAL DENSITY DRIVEN FLOW IN GREAT SALT LAKE, UTAH.
2:20 PM	Erik	Crosman	CLIMATOLOGY OF GREAT SALT LAKE SURFACE TEMPERATURE FROM MODIS

14. Invertebrates and Fish (Officer's Club South Room)

Robert	Jellison*	LONG-TERM SEASONAL SHIFTS IN <i>ARTEMIA</i> ABUNDANCE ASSOCIATED WITH DECREASING SALINITY AND LARVAL RECRUITMENT BOTTLENECKS IN HYPERSALINE MONO LAKE, CALIFORNIA
Gilbert	Van Stappen	<i>ARTEMIA</i> OF THE ARAL SEA, UZBEKISTAN: FIELD SURVEY OF AN EMERGING POPULATION AND PERSPECTIVES FOR COMMERCIAL EXPLOITATION
Mahmoud	Hafezieh	THE EFFECTS OF DROUGHT ON REPRODUCTION MODE OF <i>ARTEMIA URMIANA</i>
Francisco	Amat	THREATENED <i>ARTEMIA</i> BIODIVERSITY IN THE IBERIAN AND WESTERN MEDITERRANEAN REGION

2:40 PM **Coffee Break (Officer's Club West Room)**

3:20 PM	William	White III	FLUID CHEMISTRY AND MINERALOGY OF SURFICIAL SEDIMENTS IN THE NEWFOUNDLAND BASIN, TOOELE AND BOX ELDER COUNTIES, UTAH
3:40 PM	Milan	Cobble	QATTARA DEPRESSION-A NEW SALT LAKE
4:00 PM	Wen	Qi	CLIMATE AND WATER-LEVEL CHANGE OF ZABUYE SALT LAKE, TIBET
4:20 PM			

John	Umek	LIMNOLOGY AND AQUATIC FOOD WEB STRUCTURE OF A LARGE TERMINAL LAKE
Stephanie	Byers	RECOVERY OF THE THREATENED LAHONTAN CUTTHROAT TROUT IN A DESERT TERMINAL LAKE
Karie	Wright	THE EFFECTS OF INCREASING TOTAL DISSOLVED SOLIDS ON THE WALKER LAKE, NEVADA, FISHERY
Alireza	Asem	RESOURCE ASSESSMENT OF <i>ARTEMIA</i> (CRUSTACEA: ANOSTRACA) IN THE URMIA LAKE IN RAINY (1995) AND DROUGHT (2003) YEARS

4:50 PM **Closing Ceremony (Post Theatre)**

Posters (These will be available for viewing throughout the week in the Officer's Club East and West Rooms)

Vilma Ardiles	IS THERE A BIENNIAL FLUCTUATION OF PHYTOPLANKTON BIOMASS IN THE TROPICAL, SALINE LAKE ALCHICHICA?	Haydee Montoya Terreros	ALGAL AND CYANOBACTERIA SALINE BIOFILMS AT THE COASTAL GRANDE LAGOON FROM LIMA, PERU.
Shyam Bajekal	MAGNETOTACTIC BACTERIA FROM THE SALINE ALKALINE LONAR LAKE, INDIA	Mehmet Burcin	PHENOTYPIC AND GENOTYPIC PROPERTIES OF BACTERIA ISOLATED FROM TUZ LAKE, TURKEY
Yazidhi Bamutaze	THE IMPACT OF ENVIRONMENTAL CHANGE AND INDUSTRIALIZATION ON LAKE KATWE IN SOUTH WESTERN UGANDA: IMPLICATIONS TO THE LIVELIHOODS OF THE LOCAL COMMUNITIES.	Zhen Nie	CRYSTALLIZATION PATH OF SALTS FROM BRINE IN ZABUYE SALT LAKE, TIBET, DURING ISOTHERMAL EVAPORATION
Nicole Berthelemy-Okazaki	EFFECT OF MERCURY ON THE BRINE SHRIMP <i>ARTEMIA</i> FROM THE GREAT SALT LAKE	Michelle Zwolinski	PHOSPHATE AND PHOSPHONATE USE BY MICROORGANISMS ISOLATED FROM HYPERSALINE ENVIRONMENTS OF THE GREAT SALT LAKE, UTAH
Jagat Kumar	BATHYMETRIC MAPS AND DIMENSIONLESS DEPTHS OF SOME MAJOR LAKES IN NEPAL	Maria Guadalupe	INTERANNUAL FLUCTUATION OF THE NITROGEN-FIXING CYANOBACTERIAL BLOOM IN LAKE ALCHICHICA, CENTRAL MEXICO
Erdogan Cakir	AUTOMATED RIBOTYPING OF HALOPHILIC BACTERIA ISOLATED FROM DIFFERENT HYPERSALINE ENVIRONMENTS IN TURKEY	James Orlando	SEASONAL INPUTS OF DISSOLVED AND SEDIMENT-ASSOCIATED PESTICIDES TO THE SALTON SEA, 2006-2007
Peri Coleman	ALTERNATIVE STABLE STATES - A TOOL FOR MONITORING ECOSYSTEM CONDITION IN SOLAR SALTFLIELDS	Luis Alberto Oseguera Perez	EXPORT OF BIOGENIC CARBON IN A TROPICAL SALINE LAKE DOMINATED BY LARGE PHYTOPLANKTON
Carmen Daggett	IRON LIMITATION IN SALINE LAKES OF THE NORTHERN GREAT PLAINS	Leslie Patterson	DISTRIBUTION OF WOODY DECOMPOSER FUNGI WITHIN THE GREAT SALT LAKE
Yaping Dong	SEPARATION AND EXTRACTION OF STRONTIUM FROM OIL FIELD BRINE OF NANYISHAN REGION	Odo Pot	ORGANIZING LAKE MAMAGEMENT
Ganchimeg Nyamjav	PHYSICAL-CHEMICAL CHARACTERISTICS OF LAKE UVE, MONGOLIA	Kerri Pratt	ROLE OF DRY LAKE BED SALTS IN CLOUDE FORMATION
Kiyemet Guven	ISOLATION AND IDENTIFICATION OF SELENITE REDUCING ARCHAEA FROM TUZ (SALT) LAKE IN TURKEY	Saleh Rabeh	Microbiological profile of Lake Qarun, a closed saline lake in El-Fayoum, Egypt
Qinxian Jia	CHANGES IN BIOLOGICAL RESOURCE AND ENVIRONMENT IN THE DECADE OF GAHAI SALT LAKE, CHINA	Stela Redon	APPROACH TO THE ROLE OF PARASITES ON THE SUCCESSFUL INVASION OF MEDITERRANEAN SALTERNS BY THE INVASIVE <i>ARTEMIA FRANCISCANA</i>
Tildon Jones	MANAGEMENT OF THE GREAT SALT LAKE FOR SUSTAINED ARTEMIA HARVEST AND ECOSYSTEM CONSERVATION: AN OVERVIEW OF THE GREAT SALT LAKE ECOSYSTEM PROGRAM	Greg Reis	ECOLOGICAL SCORECARD OF MONO LAKE, CALIFORNIA, USA
Hatice Mehtap Kutlu	ANALYSES OF SELENITE ACCUMULATING ARCHAEA ISOLATED FROM TUZ (SALT) LAKE IN TURKEY BY TRANSMISSION ELEKTRON MICROSCOPE	Mayeli Sanchez	COULD RESOURCE LIMITATION CONTROLS ZOOPLANKTON DYNAMICS IN A SALINE TROPICAL LAKE?
Diana Lopez-Anaya	PARTICULATE C, N AND P DYNAMICS IN THE DEEP TROPICAL LAKE ALCHICHICA	Baharak Sehatnia	A STUDY OF PHYSICOCHEMICAL CHARACTERIZATION OF URMIA LAKE (A COMPARISON APPROACH)
Liana Gheorghievici	THE ROLE OF THE PHYTOPLANKTERS IN FORMING THE SEDIMENTS FROM THE LAKES WITH PELOGENOUS POTENTIAL	Zuoliang Sha	SOLUBILITY AND SUPERSATURATION OF LITHIUM CARBONATE OF THE ZABUYE SALT LAKE BRINE
Xifang Liu	THE STUDY ON MINERALIZATION OF DANGXIONG CO LARGE LI-B DEPOSIT, TIBET, CHINA	Mary Ann Tiffany	DRAMATIC BLOOMS OF PRYMNESIUM SP. (PRYMNESIOPHYCEAE) AND ALEXANDRIUM MARGALEFII (DINOPHYCEAE) IN THE SALTON SEA, CALIFORNIA
Stefania Maniatsi	A POPULATION-SPECIFIC MARKER WITHIN THE SUPERSPECIES <i>ARTEMIA FRANCISCANA</i>	Rue Van Dyke	CAROTENOIDS AND PHOTOPROTECTION IN GREAT SALT LAKE HALOPHILES
Qingfen Meng	THE RESEARCH ON DISTRIBUTIONS OF THE OTHER ELEMENTS IN QARHAN POTASH FERTILIZER PRODUCTION PROCESS	Xuekui Wang	CONSTRUCTION AND OPERATIONAL EXPERIENCE OF ZABUYE SALT LAKE SOLAR POND IN TIBET, CHINA