



**IUCN Otter Specialist Group**  
Leading global otter conservation



# **IUCN XI<sup>th</sup> International Otter Colloquium** **Otters in a warming world**



**Pavia, Italy 30 August - 4 September 2011**

# **PROGRAM**

## **CONFERENCE VENUE**

Università degli Studi di Pavia, Corso Strada Nuova 65, 27100 Pavia, Italy

# IUCN XI<sup>th</sup> International Otter Colloquium



## **ORGANISERS**

CLAUDIO PRIGIONI – prigioni@unipv.it  
ANNA LOY – a.loy@unimol.it  
ANNA ROOS – anna.roos@nrm.se  
NICOLE DUPLAIX – Nicole.Duplaix@oregonstate.edu

## **ORGANISING SECRETARIAT**

ALESSANDRO BALESTRIERI – alebls@libero.it  
LUIGI REMONTI – luigi.remonti@gmail.com  
GIORGIO SMIROLODO – smigio@tiscali.it

## **SCIENTIFIC COMMITTEE**

LUIGI BOTTANI, PAUL CHANIN, ANGELA M. DOROFF, NICOLE DUPLAIX, ARNO GUTLEB, SANDRO LOVARI, ANNA LOY, CLAUDIO PRIGIONI, ETTORE RANDI, JORDI RUIZ-OLMO, MARGARIDA SANTOS REIS, TOM SERFASS, LESLEY WRIGHT

## **FINANCIAL SUPPORTERS**

PARCO NAZIONALE DEL CILENTO E VALLO DI DIANO  
PARCO NAZIONALE DEL POLLINO  
U.I.Z.A. UNIONE ITALIANA GIARDINI ZOOLOGICI E ACQUARI  
WWF ITALIA  
WWF OASI  
RÄDDA UTTERN I SMÅLAND  
ZIBONI TECNOFAUNA S.R.L.  
FOTOTRAPPOLAGGIO, TECNOLOGIE INNOVATIVE PER L'AMBIENTE E LA FAUNA  
RALOT INDUSTRIES LTD  
LEGAMBIENTE  
COLDIRETTI PAVIA  
INA ASSITALIA, AGENZIA GENERALE DI PAVIA  
UNIVERSITA' DEL MOLISE  
UNIVERSITA' DI PAVIA

Dipartimento di Biologia Animale, Università degli Studi di Pavia, Via Taramelli 24, 27100 Pavia  
Tel. +39 0382 987974, Fax +39 0382 987719, e-mail: prigioni@unipv.it  
Dipartimento S.T.A.T., Università del Molise, I-86090 Pesche, Italy  
Tel. +39 0874 404140, Fax +39 0874 404123; e-mail: a.loy@unimol.it

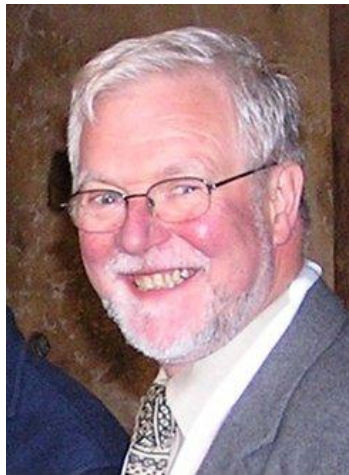
**Web Site: [www.internationalottercolloquium2010.eu](http://www.internationalottercolloquium2010.eu)**

FOR YOU

**IUCN XI<sup>th</sup> International Otter Colloquium**



**Pavia, Italy 30 August - 4 September 2011**



**James William Hendry "Jim" Conroy 1943 - 2011**



Printed in August 2011  
by  
Linea Grafica – Cura Carpignano (PV), Italy

# PROGRAM



## **IUCN XI<sup>th</sup> International Otter Colloquium**

### **SESSION 1 - Global warming and otter conservation**

(Chair: Nicole Duplaix)

Wednesday 31 Aug

9.30 – 12.30

#### **ORAL COMMUNICATIONS**

CARMEN CIANFRANI, GWENAËLLE LE LAY, LUIGI MAIORANO, HÉCTOR F. SATIZÁBAL, ANNA LOY, ANTOINE GUIBAN - Climate change threat to the European otter: the importance of conservation strategies at European scale

CHARLES LEMARCHAND, RENE ROSOUX, PHILIPPE BERNY - Ecotoxicology of the European otter (*Lutra lutra*) on the river Loire (France) and predictable trends due to global change

LORENZO QUAGLIETTA, ANTÓNIO MIRA, LUIGI BOITANI - Home ranges, activity patterns and habitat selection of Mediterranean otters (*Lutra lutra*): the need to cope with highly variable environmental conditions

LAURA BONESI, LESLEY WRIGHT - Launching the OSG otter mortality web site

### **SESSION 2 - Conservation status assessment. Concepts and approaches**

(Chair: Bjarne Sjøgaard and Aksel Bo Madsen)

Wednesday 31 Aug

14.30 – 18.00

#### **ORAL COMMUNICATIONS**

BJARNE SØGAARD, AKSEL BO MADSEN, MORTEN ELMEROS - Assessment of conservation status for the Eurasian otter: a concept for otters all over the world?

FERDIA MARNELL, LUGHAIHDH O'NEILL, DEIRDRE LYNN - How best to calculate range and population size for the otter? Ireland as a case study

RACHEL KUHN, HÉLÈNE JACQUES - The French Action Plan for the Eurasian otter

MARCELO H. CASSINI - An update of otter research and conservation in Argentina

THOMAS L. SERFASS, SADIE S. STEVENS - Seasonality in otter scent marking: implications for monitoring

VADIM SIDOROVICH - Recent strong decline in otters *Lutra lutra* in Belarus: the data gained and hypothesis established

KAYOKO YAMAMOTO, MOTOKAZU ANDO - Trends in otter-related newspaper articles in Japan over 135 years

ANDERS TELENUS - What's on otter by GBIF?

## POSTERS

HUGUES A. AKPONA, C.A.M.S. DJAGOUN, G.A. MENSAH, B. SINSIN - Indigenous knowledge, local perception and importance of the spotted necked otter (*Lutra maculicollis*) on river Hlan - Ouémé Valley complex, Southern Benin

CHRISTIAN BOUCHARDY, CHARLES LEMARCHAND, YVES BOULADE, NOEL GOUILLOUX, RENE ROSOUX, PHILIPPE BERNY - Natural recolonization of the European otter (*Lutra lutra*) in French Massif Central

SOFIA MATEUS, CARMEN CIANFRANI, ANTOINE GUISAN - Attitudes and beliefs towards otter comeback in Switzerland

VERA DE FERRAN, HELEN WALDEMARIN, MARCELO RHEINGANTZ, MIGUEL RICO BARROETA, MANOEL GOMES MUANIS - Abundance index of Neotropical river otter (*Lontra longicaudis*) in Pantanal, Brazil

LAURA LERONE, GIUSEPPE MARIA CARPANETO, ANNA LOY - Why camera traps fail to record otter presence

PADMA K. DE SILVA - Status of otters in the Asian region

CLAUDIO PRIGIONI, ALESSANDRO BALESTRIERI, GABRIELE MORANI, LUIGI REMONTI, FRANCA GUIDALI - Current distribution and potential for expansion of reintroduced Eurasian otter on the River Ticino (N Italy)

MARCELO RHEINGANTZ, JORGE MENEZES - Modelling the occurrence of Neotropical otter *Lontra longicaudis* in its geographic range: estimation by maximal entropy

MYFANWY ROWLANDS - Otters and digital technology: novel observational methods for data collection and outreach communication

ALEXANDER S. VALENTSEV - Monitoring for abundance and harvest of river otter (*Lutra lutra*) in Kamchatka

JITKA VĚTROVCOVÁ, TEREZA MINÁRIKOVÁ, KATEŘINA POLEDNÍKOVÁ, LUKÁŠ POLEDNÍK - Monitoring of the Eurasian otter in the Czech Republic

JITKA VĚTROVCOVÁ, TEREZA MINÁRIKOVÁ, KATEŘINA POLEDNÍKOVÁ, LUKÁŠ POLEDNÍK - Management Plan for the Eurasian otter in the Czech Republic for 2009-2018

JAMES WILLIAMS - Estimation of the size of the otter population in the County of Somerset, England

## SESSION 3 - Population dynamics and ecology

(Chair: Tom Serfass, Vadim Sidorovich)

Thursday 1 September

9.00 – 12.00

## ORAL COMMUNICATIONS

LISA C. DAVENPORT, HÉLÈNE JACQUES - Preliminary findings from a new study of the Congo clawless otter (*Aonyx congicus*) on the river Dji Dji, Gabon

JAN REED-SMITH, TOM SERFASS, BRIIGITTA AMULIKE - Preliminary report on the behavior of spotted-necked otters (*Lutra maculicollis*) on Rubondo Island National Park, Lake Victoria, Tanzania

HIROSHI SASAKI, SHUKOR MD NOR, BURHANUDDIN MOHD NOR, BUDSABONG KANCHANASAKA, BADRUL MUNIR MD-ZAIN, SUCHITRA CHANGTRAGOON, TAKESHI SEKIGUCHI - Habitat preferences of otters in Malaysia and Southern Thailand

A.W.J.J. DE JONGH - Energetics of swimming in *Lutra lutra*

MANLIO MARCELLI, ROMINA FUSILLO - Otter occupancy and recolonisation events at the southernmost margin of the Italian range (Calabria region)

LUKÁŠ POLEDNÍK, KATEŘINA POLEDNÍKOVÁ - Population viability model for Eurasian otter *Lutra lutra* in the Czech Republic

GONZALO MEDINA-VOGEL, JOHN F. ORGAN, MACARENA BARROS - Interspecific interactions between Southern river otter and alien north American mink

CASEY C. DAY, MATTHEW D. WESTOVER, BROCK R. MCMILLAN - A synthetic review of the diet of the Northern river otter (*Lontra canadensis*)

SADIE S. STEVENS, EMILY H. JUST, ROBERT C. CORDES, ROBERT P. BROOKS, THOMAS L. SERFASS - The influence of habitat quality on the detection of river otter latrines near bridges

#### **POSTERS**

ALESSANDRO BALESTRIERI, LUIGI REMONTI, CLAUDIO PRIGIONI - Alien fish in otter *Lutra lutra* diet

HELEN L. BATEMAN, WILLIAM F. SWANSON - Use of non-invasive fecal hormonal analysis to determine gender in north American river and Asian small-clawed otters

DANIELLA BIFFI - Trophic variability of *Lontra felina* (Carnivora, Mustelidae) in two populations in Tacna, Peru

MORTEN ELMEROS, ANNA ROOS - Reproductive timing in Eurasian otter *Lutra lutra* along a climate gradient

ANDREAS KRANZ, IRENE WEINBERGER, LUKÁŠ POLEDNÍK, ADDY DE JONGH, TIBBE DE JONG - Ecology of otters in the Alps as indicated by radio telemetry: a preliminary report of an on-going project

ANDREAS KRANZ, LUKÁŠ POLEDNÍK - Otter numbers in 100 square kilometer sample areas in the Alps as indicated by snow tracking

MIRIAM MARMONTEL, CRISTINA I. BUCK SILVA, ROBINSON BOTERO-ARIAS, HADAD A. MIGUEL - Rescue, rehabilitation, tagging and release of a Neotropical otter in Western Brazilian Amazon

ALEXEY OLEYNIKOV - The importance of insects in otter diet in the southern Russian Far East

SARAH CATHERINE PAUL, ELEANOR KEAN, ELIZABETH CHADWICK - Insights gained from long term post-mortem research on the Eurasian otter

LORENZO QUAGLIETTA, VANIA FONSECA, ANTÓNIO MIRA, LUIGI BOITANI - Social interactions of the Eurasian otter (*Lutra lutra*) in a Mediterranean environment

#### **SESSION 4 - Habitat assessment, potential distribution and dispersal**

(Chair: Laura Bonesi, Jordi Ruiz Olmo)

Thursday 1 September

14.30 – 16.00

#### **ORAL COMMUNICATIONS**

ROBERT BROOKS, THOMAS SERFASS - Ramsar protected wetlands of international importance as habitats for otters

REINHARD KLENKE, STEFAN KÄRNER, KLAUS HERTWECK, SIMONE LAMPA, DIETRICH HEIDECHE, HERMANN ANSORGE, OLAF ZINKE, BERND GRUBER, KLAUS HENLE - Identification of individual otters *Lutra lutra* by the analysis of single footprints

ANNA LOY, MARIA LAURA CARRANZA, EVELINA D'ALESSANDRO, SANTIAGO SAURA - Assessing habitat connectivity for Eurasian otters: which patches and paths better contribute to dispersal?

ANDREAS KRANZ ET AL. Patterns of recolonisation of the otter in the Alps

JORDI RUIZ – OLMO, S. PALZOS ET AL. - Modelling the otter distribution, habitat quality and ecological requirements: where we are and what we can hope?. Towards ecological and demographic models

#### **POSTERS**

CARMEN CIANFRANI, LUIGI MAIORANO, ANTOINE GUISAN - Assessing the potential for otter recovering in Switzerland by an integrative approach

HYEONJIN KIM, MOTOKAZU ANDO, SUNGYONG HAN, HIROSHI SASAKI, HIROSHI OGAWA - The recovery of the Eurasian otter *Lutra lutra* in Korea and the change of public attitude

MARIA TERESA CARONE, TIZIANA SIMONIELLO, CARMEN CIANFRANI, ANNA LOY, ANTOINE GUISAN AND MARIA LAURA CARRANZA - Landscape metrics and multitemporal habitat suitability models for the conservation of otters in the Italian core area

MARCELO RHEINGANTZ, JORGE MENEZES - Modelling the occurrence of Neotropical otter *Lontra longicaudis* in its geographic range: estimation by maximal entropy

#### **Workshop – Biology and conservation of the giant otter**

(Chair: Miriam Marmontel)

Thursday 1 September

16.30 -18.00

#### **ORAL COMMUNICATIONS**

EMANUELA EVANGELISTA, CHIARA TOSI - A Giant otter distribution survey in the lower Rio Branco region, Amazonas and Roraima states, Brazil

CHRISTINA A. S. MUMM, ELISABETH K.V. KALKO, MIRJAM KNÖRNSCHILD - Giant otter (*Pteronura brasiliensis*) vocalizations as a basis for acoustic monitoring

CAROLINA RIBAS, HAYDÉE CUNHA, GABRIEL DAMASCENO, WILLIAM MAGNUSSON, GUILHERME MOURÃO - combining genetics and digital video to investigate the social biology of the largest extant otter (*Pteronura brasiliensis*)

JESSICA GROENENDIJK, FRANK HAJEK, CHRISTOF SCHENCK, ELKE STAIB, JORGE CALVIMONTES - Demography and conservation of the Giant otter (*Pteronura brasiliensis*) in the river Manu floodplain, Peru

MÁRCIA M. CABRAL, CAROLINA RIBAS, BRUNO SANTOS, FERNANDO C.W. ROSAS - Artificial feeding of an unweaned Giant otter (*Pteronura brasiliensis*) cub

MIRIAM MARMONTEL, MARCELO REIS - The National Action Plan for Giant river otters in Brazil

#### **POSTERS**

CHIARA TOSI, EMANUELA EVANGELISTA - Interaction between Giant otter (*Pteronura brasiliensis*) and fresh-water Amazon dolphin (*Inia geoffrensis*)

VERONICA ZAMBRANA, ROBERT PICKLES, PAUL VAN DAMME - Relative abundance of the Giant otter (*Pteronura brasiliensis*) in the Blanco and San Martin rivers (Iténez river basin, Bolivia)

## SESSION 5 – Threats and conflicts

(Chair: Anna Roos , Padma De Silva)

Friday 2 September

9.00 -12.30

### ORAL COMMUNICATIONS

VIC SIMPSON – Road casualty otters are not a dead loss – Make full use of them!

HUGUES A. AKPONA, C.A.M.S. DJAGOUN, G.A. MENSAH, J.D.T. AKPONA, M.D. KOUTON, B. SINSIN - Promoting friendly mitigation strategies for the management of human - otter conflicts in southern Benin

AMIT DOLEV, DAVID SALTZ, NOGA KRONFELD-SCHOR, GILA KAHILA BAR-GAL, YOSI BEN-ARI, RONY SHAHAL, AMICHAH GUTER - Long term monitoring of the endangered Eurasian otter population in Israel: implication for conservation

ROMINA FUSILLO, LEONARDO DELLA SALDA, MANLIO MARCELLI, ROBERTO ZUCCARINI, CHIARA PALMIERI, LAURA DE RISO - Otter post mortem management and research in Italy. Current situation, limits and perspectives

GEORGE GORGADZE - Current status and threats affecting otter (*Lutra lutra*) population in the south Caucasus

JYOTI BHANDARI - Distribution and major threats to otter on river Karnali, Bardia National Park, Nepal

ANNA ROOS, FRANK RIGÉT - Otters (*Lutra lutra*) in Sweden: body condition, reproduction and population between 1970 and 2010

E. SHERRARD-SMITH, E.A. CHADWICK, J. CABLE - Recent arrivals: parasites of the Eurasian otter

### POSTERS

HUGUES A. AKPONA, C.A.M.S. DJAGOUN, G.A. MENSAH, B. SINSIN - Ecological, socio-economic determinants of the spotted necked otter (*Lutra maculicollis*) – fish farmers conflict in southern Benin: implications for conservation

JOHANNA ARRENDAL, MARIE JOHNSON - Otters and railways – An assessment of trains as a threat to the otter population in Sweden

MIA BISTHER, LINDA ANDERSSON - The “otter box”, a useful tool to work with education about otters, mink and beaver

MIA BISTHER - Otters caught in traps: a minor problem or the tip of an iceberg?

VANIA FONSECA, MIRIAM MARMONTEL - Local knowledge and conflicts with otters in the central Amazon – Preliminary information

ANNA LOY, EVELINA D’ALESSANDRO, MARIA LAURA CARRANZA - Road collision risk evaluation for the Otter in Italy

LUKÁŠ POLEDNÍK, KATEŘINA POLEDNÍKOVÁ, ZUZANA KADLEČÍKOVÁ - Damages caused by the Eurasian otter in fishponds and impact of otter disturbance on condition and growth rate of common carps in fishponds

ANNA ROOS, ERIK ÅGREN - Müllerian duct cysts on the vas deferens in Swedish wild otters (*Lutra lutra*)

T. SEMEDO-LEMSADDEK, TERESA SALES-LUÍS, T. RIBEIRO, NUNO M. PEDROSO, L. TAVARES, C.L. VILELA, M. OLIVEIRA - Antimicrobial resistant aeromonas isolated from Eurasian otters in Portugal

## **SESSION 6 - Otters in captivity and rehabilitation centres**

(Chair: Janice Reed-Smith)

Friday 2 September

14.00-15.00

### **ORAL COMMUNICATIONS**

JANICE REED-SMITH – Introduction to the session

HELEN L. BATEMAN, KATHARINE PELICAN, WILLIAM F. SWANSON - Assessing the efficacy of a GnRH agonist implant (Deslorelin) to reduce reproductive and stress hormone levels and behavioral aggression in single-sex groups of captive Asian small-clawed otters

NISARG PRAKASH, AJITH KUMAR, DIVYA MUDAPPA, T. R. SHANKAR RAMAN - Conservation of riparian mammals in human-modified landscapes: the Asian small-clawed otter (*Aonyx cinereus*) in the western Ghats, India

### **POSTERS**

LIVIA MATTEI, MIRKO DI MARZIO, FERNANDO DI FABRIZIO, CINZIA SULLI - Otter captivity centres: their role in conservation

## **SESSION 7 - Marine living otters**

(Chair: Angela M. Doroff and Gonzalo Medina)

Friday 2 September

16.00 – 17.00

### **ORAL COMMUNICATIONS**

ANGELA M. DOROFF - Status review: sea otter (*Enhydra lutris*) population status and trend

ALEXANDER BURDIN, SERGEY ZAGREBELNY - Commander islands phenomena: sea otter population remained stable

KAORU HATTORI - Recent status of sea otters in Hokkaido islands, Japan

### **POSTERS**

ANGELA DOROFF, ORIANA BADAJOS, KAREN CORBELL, DAVE SEAMAN, DANA JENSKI, MELANIE BEAVER - Assessment of temporal patterns in winter diet of sea otters (*Enhydra lutris*) by scat analysis in Kachemak bay, Alaska (2008-2009)

## **SESSION 8 – Habitat improvement, compensation and mitigation**

(Chair: Paul Chanin, Andreas Kranz)

Saturday 3 September

9.00 – 10.00

### **ORAL COMMUNICATIONS**

NUNO M. PEDROSO, TERESA SALES-LUÍS, MARGARIDA SANTOS-REIS - Long term monitoring of the Eurasian otter in the Alqueva dam (SE Portugal)

GERARD SCHMIDT, ALAIN DOHET, LIONEL L'HOSTE, AURORE BOSCHER, HENRY-MICHEL CAUCHIE, JONATHAN PLON, NICOLAS NEDERLANDT, HELENE GHYSELINCK, SVEN PLATTES, EVA RABOLD, ANNICK MOUSEL, PATRICK THOMMES, YVES KRIPPEL, ANNE SCHEER, BOB GLESENER, MIREILLE MOLITOR, CLAUDE SCHILTZ, CHRISTINE LECLERCQ - Restoration of the otter habitats in Luxembourg and Belgium: 5-year actions in favour of an emblematic species of our watercourses, the European otter (*Lutra lutra*)

## POSTERS

ÅSA KARLBERG, IDA SCHÖNFELDT - A valuation of different types of fauna passages for otters in northern Sweden using cameras

### SESSION 9 – Phylogeography, population and landscape genetics

(Chair: Ettore Randi and Petra Haikova)

Saturday 3 September

10.30 – 12.30

## ORAL COMMUNICATIONS

LENKA GETTOVA, PETRA HAJKOVA - Genetic consequences of population decline in Eurasian otter (*Lutra lutra*) populations in the Czech and Slovak Republics

VANIA FONSECA, LORENZO QUAGLIETTA - Fine-scale spatial genetic structure and dispersal of the Eurasian otter (*Lutra lutra*) in a Mediterranean environment

MARIA VERGARA, ARITZ RUIZ-GONZÁLEZ, JAVIER LÓPEZ DE LUZURIAGA, BENJAMÍN J. GÓMEZ-MOLINER - Individual identification and distribution assessment of otters (*Lutra lutra*) through non-invasive genetic sampling: recovery of an endangered species in the Basque country (Northern Spain)

SIMONE LAMPA, KLAUS HENLE, REINHARD KLENKE, BERND GRUBER - Analysing population dynamics of Eurasian otters (*Lutra lutra*) using non-invasive genetic capture-mark-recapture (CMR): pitfalls and solutions

CRISTINE S. TRINCA, BENOIT DE THOISY, FERNANDO C. W. ROSAS, HELEN F. WALDEMARIN, KLAUS-PETER KOEPFLI, JULIANA A. VIANNA, EDUARDO EIZIRIK - Molecular diversity and population structure of the Neotropical otter (*Lontra longicaudis*) in northwestern south America

JULIANA A. VIANNA, PAULA AYERDI, GONZALO MEDINA-VOGEL, FABRICIO SANTOS, JEFFREY MANGEL, HORACIO ZEBALLOS, MANUEL APAZA, CARLOS OLAVARRÍA, WALTER SIELFELD, CLAUDIO CHEHÉBAR, SYLVAIN FAUGERON - Evolutionary history and conservation genetics of south American otters

HANS-HEINRICH KRÜGER, HANS PETER KOELEWIJN, HUGH JANSMAN - Monitoring an otter population in northern Germany by DNA typing of spraints

## POSTERS

PETRA GUSTAFSSON, LOVE DALÉN, MIA BISTHER, OSKAR NORRGRANN, JOAKIM KARLSSON, ANNA ROOS - Otters in Sweden: a population study using faecal DNA

PETRA HAJKOVA, LENKA GETTOVA, VERONIKA SLADKOVICOVA, BARBORA ZEMANOVA - The use of genetic methods to study Eurasian otters

LAURA LERONE, CHIARA MENGONI, ETTORE RANDI, GIUSEPPE MARIA CARPANETO, ANNA LOY - Non-invasive genetic sampling of the Eurasian otter in its Italian northern range

HAN-CHAN PARK, TAE-YUEN HAN, DU-CHAN KIM, SUNG YONG HAN, MI-SOOK MIN, KYUNG-SEOK KIM, HANG LEE - Individual identification and sex determination of Eurasian otters (*Lutra lutra*) in Daegu city by genetic analysis of spraints

SARAH CATHERINE PAUL, GEOFFREY HOBBS, MICHAEL BRUFORD, ELIZABETH CHADWICK - Geographic variation in Eurasian otter (*Lutra lutra*) morphology and markings - A reflection of genetic structure?

## Scientific program

Version 31 July, 2011

	Morning (8.30 – 12.30)	12.30-13.30	13.30-14.30	Afternoon (14.30-18.00)	18.00-18.30	Evening
Tuesday 30 Aug.	Arrival - Reception OSG board meeting	LUNCH	POSTER SESSION	Arrival – Reception Pre-congress meetings	OPEN SESSION	Arrival - Reception
Wednesday 31 Aug.	<p><b>9.00 -9.30</b> Opening –Authorities</p> <p><b>9.30 -10.00</b> <b>Nicole Duplaix</b> Homage to Jim Conroy slide show</p> <p><b>10.00 – 10.30</b> Plenary lecture: <b>Simon Stuart</b> IUCN SSC</p> <p><b>10.30-11.00</b> CB</p> <p><b>11.00– 12.15</b> <b>Session 1</b> Global warming and otter conservation Chair: <b>Nicole Duplaix</b></p> <p><b>12.15– 12.30</b> L. Bonesi and L. Wright - The OSG Road casualties web site</p>	LUNCH	POSTER SESSION	<p><b>14.30 – 16.00</b></p> <p><b>Session 2</b> Conservation status assessment: concepts and approaches Chair. <b>Bjarne Søggaard, Aksel Bo Madsen</b></p> <p><b>16.00-16.30</b> CB</p> <p><b>16.30 – 18.00</b> <b>Session 2 – continue</b></p>	OPEN SESSION	

<p>Thursday 1 Sept.</p>	<p><b>9.00- 10.30</b> <b>Session 3</b> Population dynamics and ecology Chair: <b>Tom Serfass , Vadim Sidorovich</b></p> <p><i>10.30 – 11.00 CB</i></p> <p><b>11.00- 12.00</b> <b>Session 3 -continue</b></p> <p><b>12.00-12.30</b> GROUP PICTURE</p>	<p>LUNCH</p>	<p>POSTER SESSION</p>	<p><u>Consecutive sessions</u></p> <p><b>14.30 – 16.00</b> <b>Session 4</b> Habitat assessment, potential distribution and dispersal Chair: <b>Laura Bonesi, Jordi Ruiz-Olmo</b></p> <p><i>16.00-16.30 CB</i></p> <p><b>16.30 – 18.00</b> <b>Giant Otter Workshop</b> Chair: <b>Miriam Marmontel</b></p>	<p>OPEN SESSION</p>	
<p>Friday 2 Sept.</p>	<p><b>9.00- 10.30</b> <b>Session 5</b> Threats and conflicts Chair: <b>Anna Roos , Padma De Silva</b></p> <p><i>10.30-11.00 CB</i></p> <p><b>11.00- 12.30</b> <b>Session 5 - continue</b></p>	<p>LUNCH</p>	<p>POSTER SESSION</p>	<p><u>Consecutive sessions</u></p> <p><b>14.30 – 15.30</b> <b>Session 6</b> Otters in captivity and rehabilitation centres Chair: <b>Janice Reed-Smith</b></p> <p><i>15.30-16.00 CB</i></p> <p><b>16.00 – 17.00</b> <b>Session 7</b> Marine living otters Chair: <b>Angela M. Doroff , Gonzalo Medina</b></p>		<p>18.40 bus leaving for social dinner</p>

<p>Saturday 3 Sept.</p>	<p><b>9.00 - 10.00</b></p> <p><b>Session 8</b> Habitat improvement, compensation and mitigation Chair: <b>Paul Chanin, Andreas Kranz</b></p> <p><i>10.00-10.30 CB</i></p> <p><b>10.30- 12.30</b></p> <p><b>SESSION 9</b> Phylogeography, population and landscape genetics Chair: <b>Ettore Randi, Petra Haikova</b></p>	<p>LUNCH</p>	<p>ART EXHIBIT</p>	<p><b>14.30 – 16.30</b> Continental meeting and IUCN red list assessment Chair: <b>Syed Ainul Hussain</b></p> <p>Europe: Anna Roos Asia: Padma De Silva Africa: Helène Jacques USA: Tom Serfass South and Central America: Nicole Duplaix</p> <p><b>16.30 – 17.30</b> Nicole Duplaix: The Asian Otter Task Force</p>	<p>OPEN SESSION</p>	<p><b>Art Exhibition</b> (Hélène Jacques)</p>
<p>Sunday 4 Sept.</p>	<p><b>9.00- 10.30</b> OSG Bulletin report: <b>Arno Gutleb</b></p> <p>Web Page report: <b>Lesley Wright</b></p> <p><i>10.30-11.00 CB</i></p> <p><b>11.00- 12.00</b> IUCN-OSG Chair: Nicole Duplaix Final recommendations.</p> <p><b>12.00-12.30</b> Closing ceremony</p>	<p>LUNCH</p>	<p>POSTER DETACHING</p>			
<p>Monday 5 Sept.</p>	<p>Departures for post congress tours</p>					



**Jim**



 **IUCN XI<sup>th</sup> International Otter Colloquium**



**Pavia, Italy 30 August - 4 September 2011**

