CONGRESS PROGRAM

Tuesday, 21 April 2015

06:30–18:00 REGISTRATION & INFORMATION DESK OPEN

09:30–10:10 PL–01 Opening Ceremonies WADEM, EMSSA & Dignitaries

LOCATION: AUDITORIUM 2
CHAIR: PROFESSOR PAUL ARBON, WADEM PRESIDENT

10:20–12:30 PL–02 Plenary Session WADEM & World Health Organization (WHO) Panel

LOCATION: AUDITORIUM 2
CHAIR: DR. ERIN DOWNEY, WADEM VICE PRESIDENT

10:10–10:20 NETWORKING BREAK
LOCATION: GALLERY (OUTSIDE EXHIBITION HALL)

12:30–13:30 LUNCH
LOCATION: GALLERY (OUTSIDE EXHIBITION HALL)

13:30–15:30 BO–01 Disaster Risk Management

Location: Auditorium 2
Chairs: Graeme McColi & Hilarie Cranmer

13:30–13:36 Introduction

13:36–13:48 CRITICAL INFRASTRUCTURE ASSESSMENT TOOL FOR LOCAL AUTHORITIES (ID: 723)
Ronald Bowles, Justice Institute of British Columbia (Canada)

13:48–14:00 TIER RISK ASSESSMENT METHOD AND CALCULATOR: HOSPITAL PREPAREDNESS FOR HAZMAT EMERGENCIES (ID: 120)
Ahmadreza Djalali, Università degli Studi del Piemonte Orientale (Italy)

14:00–14:12 THE CURRENT & THE VISION OF DISASTER MEDICINE IN CHINA (ID: 309)
Zhongmin Liu, Chinese Society of Disaster Medicine (China)

14:12–14:24 DYNAMIC PICTOGRAPHIC MESSAGES: FROM PUBLIC TRANSPORT TO INTERNATIONAL DISASTER CAN IT FACILITATE COMMUNICATION BETWEEN RESCUERS AND VICTIMS? (ID: 545)
Jonathan GROFF, University of Burgundy LEAD (France)

14:24–14:36 HOSPITAL MAJOR DISASTER PLAN HOW TO WRITE THE MANUAL (ID: 629)
Essam ELGammal, ALZahra Hospital Dubai UAE (United Arab Emirates)

14:36–14:48 A ‘HOW–TO’ DISASTER PREPAREDNESS MANUAL FOR CLINICS IN UNDERSERVED AREAS AND THE DEVELOPING WORLD (ID: 828)
Sadia Hussain, State University of New York Downstate Medical Center (United States)

14:48–15:00 DISASTER MANAGEMENT TRAINING IN HOSPITALS IN SOUTH AFRICA (ID: 638)
Feroza Motara, University of Witwatersrand (South Africa)

15:00–15:12 SEIZING THE MOMENT (ID: 823)
Selwyn Mahon, Beth Israel Deaconess Medical Center (United States)

15:12–15:24 DISASTER MEDICINE CURRICULA IN SAUDI ARABIAN MEDICAL SCHOOLS (ID: 731)
Nidaa Bajow, Mohammed Bin Naif Medical Center /KFSC (Saudi Arabia)

15:12–15:30 Conclusions

13:30–15:30 BO–02 CAPACITY STRATEGIES

Location: Room 1.41/1.42
Chairs: Ann O’Rourke & Anthony Redmond

13:30–13:36 Introduction

Geoffrey Oravec, Uniformed Services University of the Health Sciences (United States)

13:48–14:00 BUILDING HEALTH LITERATE VILLAGE IN RURAL CHINA: AN EXPLORATION OF CAPACITY BUILDING IN DISASTER PREPAREDNESS (ID: 456)
Kelvin Wai Kit Ling, The Chinese University of Hong Kong (Hong Kong)

14:00–14:12 ADAPTABILITY AND ACCEPTABILITY OF DISASTER RISK REDUCTION (DRR) TRAINING IN PORT–AU–PRINCE, HAITI (ID: 562)
Janet Lin, University of Illinois at Chicago (United States)
14:12–14:24  INCREASING CAPACITY IN EMERGENCIES (AND DISASTERS) THROUGH COMMUNITY–BASED RESPONSE PROGRAMS AND INCREASING LOCAL VOLUNTEER CAPACITY IN WEST AFRICA (ID: 413) Nkechi Dike, Komfo Anokye Teaching Hospital (Ghana)

14:24–14:36  MASS CASUALTY INCIDENT EXERCISE IN KENYA: BUILDING CAPACITY AND COORDINATION AMONGST FIRST RESPONDERS (ID: 576) Isaac Botchey, Johns Hopkins School of Public Health (United States)

14:36–14:48  EVALUATION OF A COMMUNITY ORGANIZATION'S INTERVENTION AS IT TRANSITIONS FROM RELIEF WORK TO CAPACITY BUILDING AND COMMUNITY OUTREACH (ID: 365) Renee King, University of Colorado (United States)

14:48–15:00  COMPARISON OF THE USE OF TRADITIONAL AND SOCIAL MEDIA BY PUBLIC PROTECTION AND DISASTER RELIEF REPRESENTATIVES IN FOUR EUROPEAN COUNTRIES (ID: 171) Pinar Kucuekbalaban, Psychology (Germany)

15:00–15:12  DEVELOPMENT OF CRITICAL THINKING OF NURSING STUDENTS IN EMERGENCY DEPARTMENT BY AN ACTIVE METHOD OF TEACHING (ID: 617) Hosein Zahednezhad, University of Social Welfare and Rehabilitation Sciences

15:12–15:30  Conclusions

13:30–15:30  WS–01
Complex Emergencies: Core Psychology Workshop

LOCATION: ROOM 1.43
FACILITATORS: KARLA VERMEULEN & DIANE RYAN

13:30–15:30  BO–03
ENVIRONMENTAL CHALLENGES AND REALITIES
Location: Room 1.44
Chairs: Niel van Hoving & Mark Silverberg

13:30–13:36  Introduction

13:36–13:48  CLIMATE–RELATED DISASTERS IN JAPAN (ID: 400) Takashi Ukai, Hyogo Emergency Medical Center (Japan)

13:48–14:00  THE TREND OF NATURAL DISASTERS IN KOREA (ID: 602) Soo Hyun Park, Samsung Medical Center (Republic of Korea)

14:00–14:12  FEASIBILITY OF A PREDICTIVE MULTI–SECTOR CHOLERA EMERGENCY PREPAREDNESS AND CONTROL TOOL FOR HAITI (ID: 765) Janet Lin, University of Illinois at Chicago (United States)

14:12–14:24  CLIMATE CHANGE, DISASTERS AND THEIR IMPACT ON CHILDREN HEALTH (ID: 351) Daniel Martinez Garcia, Médecins Sans Frontières (Doctors Without Borders) (Spain)

14:24–14:36  NOISE POLLUTION, DO WE NEED A SOLUTION? AN ANALYSIS OF NOISE IN A CARDIAC CARE UNIT. (ID: 718) Kevin Ryan, Beth Israel Deaconess Medical Center Fellowship in Disaster Medicine (United States)

14:36–14:48  AN ANALYSIS OF PATIENT ARRIVALS IN AN ACADEMIC EMERGENCY DEPARTMENT IN BALTIMORE, MARYLAND, USA, DURING THE HEAT WAVE OF JULY 2012 (ID: 254) Morgan Broccoli, Johns Hopkins University School of Medicine (United States)

14:48–15:00  THE AUSTERE MEDICINE COURSE: COMBINING STATE AND PRIVATE RESOURCES TO DEVELOP MEDICAL RESILIENCY THROUGH IMMERSIVE SIMULATION (ID: 145) Joseph McIsaac, University of Connecticut/ Hartford Hospital (United States)

15:00–15:12  A SYSTEMATIC REVIEW OF THE LITERATURE ON THE EPIDEMIOLOGY OF DROWNING INJURIES IN LOW– AND MIDDLE–INCOME COUNTRIES (ID: 495) David Richards, Denver Medical Center, (United States)

15:12–15:24  MASS CASUALTY ANIMAL EUTHANASIA IN DISASTERS HUMAN ANIMAL BOND AND POST EVENT STRESS (ID: 750) Liv Greve–Isdahl, University of California Davis (United States)

15:24–15:30  Conclusions

13:30–15:30  BO–04
ABSTRACTS: RESUSCITATION
Location: Room 1.61/1.62
Chair: John Roos

13:30–13:36  Introduction

13:36–13:48  THE OPERATIONAL EXPERIENCE OF DOUBLING BYSTANDER CPR IN SINGAPORE OVER 2 YEARS (ID: 22) Yih Yng Ng, Singapore General Hospital (Singapore)
13:48–14:00 DELIVERING OF SAFE AND EFFECTIVE CARDIOPULMONARY RESUSCITATION (CPR) BY MEANS OF AN EXTERNAL CHEST COMPRESSION DEVICE AT HAMAD MEDICAL CORPORATION– AMBULANCE SERVICE (ID: 355)
John Meyer, Hamad Medical Corporation (Qatar)

14:00–14:12 PREHOSPITAL CORONARY CARE NETWORKS IN THE RESOURCE LIMITED SETTING: THE EFFECT OF PREHOSPITAL TWELVE LEAD ELECTROCARDIOGRAPHIC TELEMETRY ON REPERFUSION TIMES IN THE GAUTENG AND WESTERN CAPE PROVINCES OF SOUTH AFRICA (ID: 736)
Willem Stassen, Karolinska Institutet (South Africa)

14:12–14:24 THE OUTCOMES IN EMS–ASSESSED SEVERE TRAUMA PATIENTS BY PREHOSPITAL SHOCK (ID: 598)
Ju Ok Park, Seoul National University Hospital Biomedical Research Institute (Republic of Korea)

14:24–14:36 QUICK ASSESSMENT OF INTRA ABDOMINAL PRESSURE IN EMERGENCY: AN OPTION FOR BETTER DECISION MAKING IN CASES OF BLUNT TRAUMA ABDOMEN (ID: 779)
Sankalp Dwivedi, Maharashi Markandesvar Institute of Medical Sciences and Research (India)

14:36–14:48 INVOLVEMENT OF THE POLISH ARMED FORCES IN RESCUE OPERATIONS IN THE EVENT OF CATASTROPHES AND NATURAL DISASTERS. (ID: 445)
Przemyslaw Guta, Military Institute of Medicine (Poland)

14:48–15:30 Conclusions

13:30–15:30 BO–05 CLINICAL EMERGENCY CARE
Location: Room 1.63
Chair: Melanie Stander

13:30–13:54 TRAUMA SURGERY OR EM IN THE RESUS ROOM
Mike Wells, University of the Witwatersrand (South Africa)

13:54–14:18 ARISE, PROCESS AND PROMISES
Roger Dickerson, University of Cape Town (South Africa)

14:18–14:42 SOCIAL MEDIA/FOAMED
Anne Smith, University of Cape Town (South Africa)

14:42–15:06 THE DIFFERENCES BETWEEN ADULTS AND CHILDREN: WHAT COUNTS
Brittany Murray, Muhimbili University (United States)

15:06–15:30 10 THINGS I HATE IN EMERGENCY CARE
Heike Geduld, University of Cape Town (South Africa)

13:30–13:36 Introduction

Anneli Eriksson, Karolinska Institutet (Sweden)

13:48–14:00 CHALLENGES IN THE DEVELOPMENT AN ACUTE CARE NATIONAL DISASTER NURSING WORKFORCE (ID: 759)
Bronte Martin, National Critical Care and Trauma Response Centre (Australia)

14:00–14:12 ENSURING A READY POOL OF IMMUNISED AUSTRALIAN MEDICAL ASSISTANCE TEAM (AUSMAT) VOLUNTEERS (ID: 703)
Melanie Morrow, National Critical Care and Trauma Response Centre (Australia)

14:12–14:24 EVALUATING RISK FACTORS AND AREAS FOR IMPROVEMENT IN MANAGING DISASTER RESPONDER FATIGUE (ID: 421)
Cristen Hodgers, Trigger Mitigation (United States)

14:24–14:36 DEVELOPMENT OF PUBLIC HEALTH MANAGEMENT GUIDELINE IN CASE OF VOLCANIC ASH DISPERSION (ID: 255)
Soon–Joo Wang, Hallym University Dongtan Sacred Heart Hospital (Republic of Korea)

Barbara Gabrielli, ASL Vercelli Ospedale Sant Andrea (Italy)

14:48–15:00 CHALLENGES AND LESSONS LEARNT FROM CONDUCTING NATIONAL PUBLIC HEALTH EMERGENCY AND DISASTER MANAGEMENT TRAINING PROGRAMMES FOR 10 YEARS (ID: 233)
Sampath Tennakoon, University of Peradeniya (Sri Lanka)

15:00–15:30 Conclusions

15:30–16:00 NETWORKING BREAK LOCATION: GALLERY (OUTSIDE EXHIBIT HALL)
16:00–17:30  BO–07
DISASTER EDUCATION
Location: Auditorium 2
Chairs: Johan von Schreeb & Eric Rasmussen

16:00–16:06  Introduction

16:06–16:18  INTER–PROFESSIONAL DISASTER EDUCATION INTERVENTION (ID: 714)
Kayleigh Wilson, Arkansas State University (United States)

16:18–16:30  INTENSIVE COURSE AS A LEARNING EXPERIENCE FOR DISASTER PREPAREDNESS EDUCATION (ID: 205)
Ikki Karvinen, Diaconia University of Applied Sciences (Finland)

16:30–16:42  INNOVATION IN GRADUATE EDUCATION FOR HEALTH IN COMPLEX HUMANITARIAN EMERGENCIES (ID: 207)
Dabney Evans, Emory University, Center for Humanitarian Emergencies (United States)

16:42–16:54  EXPLORING THE USE OF THE ICN DISASTER COMPETENCIES (ID: 153)
Alison Hutton, Flinders University (Australia)

16:54–17:06  GLOBAL HEALTH AND NURSING: TEACHING DISASTER NURSING IN AT HIROSHIMA PEACE SEMINARS (ID: 299)
Kristie Gebbie, Flinders University (Australia)

17:06–17:18  DISASTER MEDICINE EDUCATION IN SENIOR DUTCH MEDICAL STUDENTS: A DISASTER? (ID: 341)
Luc Mortelmans, ZNA Camp Stuivenberg (Belgium)

17:18–17:30  STANDARDIZED EDUCATIONAL COURSE ON DISASTER MEDICINE IN INTENSIVE CARE IN JAPAN (ID: 395)
Takamitsu Kodama, University of Texas Southwestern Medical Center at Dallas (United States)

16:00–17:30  BO–08
RESILIENCE BUILDING
Location: Room 1.41/1.42
Chairs: Odeda Benin-Goren & Hendro Wartatmo

16:00–16:06  Introduction

16:06–16:18  THE CHAIN OF RESILIENCE (ID: 762)
Frank Archer, Monash University (Australia)

16:18–16:30  COMMUNITY RESILIENCE AND HUMAN TRAFFICKING, A THAILAND FLOOD QUALITATIVE ANALYSIS (ID: 817)
Hanni Stoklosa, Brigham and Women's Hospital, Harvard Medical School (United States)

16:30–16:42  REDUCING THE IMPACT OF CYCLONE, FLOOD AND STORM RELATED DISASTERS ON NON–COMMUNICABLE DISEASES THROUGH PUBLIC HEALTH INFRASTRUCTURE RESILIENCE (ID: 387)
Benjamin Ryan, James Cook University; International Federation of Environmental Health; Cairns and Hinterland Hospital and Health Service, Department of Health, Queensland, Australia (Australia)

16:42–16:54  PSYCHOSOCIAL SUPPORT AS AN INTEGRATOR IN RE–ESTABLISHMENT OF PLACE AND ENHANCEMENT OF RESILIENCE AFTER A CATASTROPHIC EVENT IN RESOURCE POOR ENVIRONMENTS (ID: 31)
Anjana Dayal de Prewitt, American National Red Cross (United States)

16:54–17:06  ROAD SAFETY: EMERGENCY SITUATION AND PROMOTION PROJECTS (ID: 172)
Gennady Kipor, All Russian Centre for Disaster Medicine “Zaschita” (Russia)

17:06–17:18  BUILDING RESILIENT COMMUNITIES: ENABLERS AND CONSTRAINTS (ID: 588)
Ronald Bowles, Justice Institute of British Columbia (Canada)

17:18–17:30  Conclusions
### Global Humanitarian Health Association Workshop

**Location:** Room 1.43  
**Facilitator:** Kirsten Johnson

#### Professionalizing Humanitarian Health Practice

**Global Humanitarian Health Association (ID: 802)**  
Authors: K. Johnson

#### GHHA Working Group I:

**Formulating the Organizational Plan (ID: 194)**  
Authors: Hilarie Cramer, Miriam Aschkenasy, Rachel Rifkin, Melanie Coutu, Stephanie Kayden, Lawrence Loh, Karen Olness, C. Shahpar, D. Evans, Pier Luigi Ingrassia, William Plowright, Kirsten Johnson, Skip Burkle

#### GHHA Working Group II:

**Linking a Global Network (ID: 805)**  
Authors: B. Hawa Kombian, James Gosney, Daniel Kollek, Alexa Wails, Kirsten Johnson

#### GHHA Working Group III:

**Creating a Sustainable Business Model (ID: 783)**  
Authors: Kirsten Johnson, Nisha Gupta, Lynn Black, Abdo Shabah, William Plowright, S. Tennesgen

#### GHHA Working Group IV:

**Building a Global Registry (ID: 810)**  
Authors: Gautam Krishnaraj, Alba Ripoll, Colleen O’Connell, Karen Olness, Monica Onyango, Paul Farrell

#### GHHA Working Group V:

**Developing Accreditation of Training Programs (ID: 809)**  
Authors: Adam C. Levine, Satchit Balsari, Kirsten Johnson, Colleen O’Connell, Alba Ripoll Gailardo, Gautam Krishnaraj, Skip Burkle

#### GHHA Working Group VI:

**Developing Certification for Humanitarian Health Professionals (ID: 803)**  
Authors: Satchit Balsari, Adam Levine, Kirsten Johnson, Colleen O’Connell, Alba Ripoll Gailardo, Gautam Krishnaraj, Skip Burkle

#### GHHA Working Group VIII:

**Developing Accreditation Standards (ID: 814)**  
Authors: Alba Ripoll Gailardo, Ahmadreza Djalali, Marco Foletti, Luca Ragazzoni, Francesco Della Corte, Frederick M. Burkle, Jr, Kirsten Johnson, Pier Luigi Ingrassia

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### Collaborative Relationships

**Location:** Room 1.44  
**Chairs:** Knox Andress & Wendy McKenzie

**Introduction**

**The Current Situation on Disaster Management of the ASEAN Member States (ID: 695)**  
Tomoaki Natsukawa, Osaka Saiseikai Senri Hospital (Japan)

**Survey of Nuclear Emergency Medical Response System in Korea (ID: 501)**  
Soon-Joo Wang, Hallym University Dongtan Sacred Heart Hospital (Republic of Korea)

**Emergency Medical Service Transportation During Mass Casualty Incidence: A Nationwide Study (ID: 604)**  
Seong Mi Lim, Samsung Medical Center (Republic of Korea)

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**AFRICA HELPING AFRICA (ID: 636)**  
Zeyn Mahomed, University of Witwatersrand (South Africa)

**GOVERNMENTAL AND NON-GOVERNMENTAL COLLABORATION (ID: 108)**  
Shuichi Kozawa, Kobe Red Cross Hospital / Hyogo Emergency Medical Center (Japan)

**GLOBAL COLLABORATION IN POINT-OF-CARE ULTRASOUND PROGRAM DEVELOPMENT: EMERGENCY DEPARTMENT PHYSICIAN KNOWLEDGE, ATTITUDES, AND PRACTICE OF BEDSIDE ULTRASOUND IN ABU DHABI (ID: 672)**  
Randall Rhyne, Johns Hopkins University (United States)

**APPLICATION OF SMALL FIXED-WING AIRCRAFT IN THE DISASTER (ID: 60)**  
Yasufumi Asai, Hakodate Shintoshi Hospital (Japan)

**MEDICAL ASSISTANCE FOR SINKING OF THE MOTOR VESSEL SEWOL IN KOREA (ID: 498)**  
Soon-Joo Wang, Hallym University Dongtan Sacred Heart Hospital (Republic of Korea)

**ADDRESSING THE IMPORTANCE OF ANIMAL PREPAREDNESS: LESSONS LEARNED FROM THE GREAT EAST JAPAN EARTHQUAKES OF 2011 (ID: 315)**  
Aki Tanaka, University of California, Davis (United States)
16:00–17:30  BO–11
CLINICAL EMERGENCY CARE
Location: Room 1.63
Chair: Anne Smith

16:00–16:24  SAFE EXTUBATION IN THE EMERGENCY CENTRE
David Fredericks, University of Cape Town (South Africa)

16:24–16:48  PATHOPHYSIOLOGY AND TREATMENT OF SUSPENSION TRAUMA (ID: 131)
John Roos, Mitchells Plain Hospital (South Africa)

16:48–17:12  INFECTIOUS DISEASES IN THE EMERGENCY CENTRE
Yash Dubal, Muhimbili University (Tanzania)

17:12–17:30  SCORING SYSTEMS FOR APPENDICITIS
Tiyiselani Mabasa, MD Inc (South Africa)

17:30–19:30  Welcome Reception and Exhibition Hall Opening
LOCATION: CTICC BALLROOM (EXHIBITION HALL)