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CONSULTING, RESEARCH AND TEACHING INTERESTS:

educational advocacy, education in emergency, disaster risk reduction education, school safety, program evaluation, capacity-building, educational materials development and testing, epidemiology of disaster deaths and injuries, household hazard adjustments, business continuity planning, community emergency response volunteer training, non-structural earthquake mitigation, culture of safety, grief recovery, field internship design & mentoring in higher education, participatory action research.

PROFESSIONAL EXPERIENCE:

- **FOUNDING CO-DIRECTOR - Risk RED (Risk Reduction Education for Disasters)** Virtual NGO founded to increase the effectiveness and impact of disaster risk reduction education, bridging the gaps between idea and audience, expert and local practitioner knowledge, content and design, and research and application. Organizational development with international partners to share, develop, localize, disseminate and evaluate the effectiveness of public education and outreach materials for disaster risk reduction. (Worldwide April 2006 - present). See www.riskred.org

- **VISITING SCHOLAR - Columbia University, Lamont Doherty Earth Observatory & SPECIALIST / INTERNATIONAL PROGRAM DEVELOPMENT –Bogaziçi University, Kandilli Observatory and Earthquake Research Institute, Disaster Preparedness Education Unit** (New York, 2006) .

- **PROGRAM MANAGER / SPECIALIST – Bogaziçi University, Kandilli Observatory and Earthquake Research Institute, Disaster Preparedness Education Unit**

Development and implementation of multi-faceted USAID/OFDA funded program. Development of Basic Disaster Awareness and Community Disaster Volunteers curriculum, distance-learning curriculum, outreach and instructor training materials. Cascading program design, innovative educational materials, capacity-building, outreach to hospitals, schools, people with disabilities. Worked with more than a dozen other NGOs and government agencies for program expansion. Initiation of public education programs in structural awareness for seismic safety and non-structural mitigation. (Istanbul. Oct. 2000 – Dec. 2005) See www.ahep.org

- **DIRECTOR OF COMMUNITY MITIGATION PROGRAMS – GeoHazards International**

Responsible for program development and management of USAID/OFDA-funded Central Asia Earthquake Safety Initiative with partner NGOs in Almaty, Tashkent and Dushanbe, and Administrative Consultant to B.U. KOERI Disaster Preparedness Education Program. Consultation to Government of India Lifeline Buildings Retrofit project with focus on introduction of non-structural mitigation measures for school and hospital implementation. .Development of outreach efforts to disaster threatened cities internationally. (Palo Alto / Istanbul Oct. 2002 –Dec. 2005) See www.geohaz.org

- **CONSULTING – Community-Based Disaster Mitigation: Program Development, Research and Training**

Organization for Economic Cooperation and Development (OECD)

Co-author: Stocktaking and policy recommendation for national government support for natural hazards public awareness programs. (September - November, 2007)

UNICEF & International Network for Education in Emergencies (INEE)

Consultation in development of strategic focus to integrate disaster risk reduction into humanitarian response and into training for education in emergencies. (July 2007, September 2007)

United Nations International Strategy for Disaster Reduction (ISDR)

Hyogo Framework for Action - Knowledge and Education Platform: Development of global online disaster risk reduction education library, evaluation criteria for good materials, and draft guidelines for integration of disaster risk reduction into schools. (May - November, 2007)

ProVention Consortium

Research and Action Grants Programme: Guidelines development (May-July, 2007)

Applied Grants Programme: Grantee Project Briefs; Interactive editorial for 40-brief set (December 2006 - February 2007).

Applied Grants Programme Review 2003-2006 (August-December 2006)

GeoHazards International

Delhi Lifeline Buildings Retrofit Project: Public Awareness and Non-Structural Mitigation pilot (May 2005 - April 2006)

Cambridge University, Martin Centre (Department of Architecture)

Tsunami survivors oral history pilot project, research team. (May 2005)

Yalova-Komotini SisterCities - Marmara Earthquake Risk Reduction Project

Implementation of program for training of Community Disaster Volunteers, and Basic Disaster Awareness instructor-trainers. (Jan. – Oct. 2003)

Lutheran World Relief / American Board Heyati

Development of public education materials and curriculum on principles and practices of aseismic construction for structural vulnerability reduction. (Oct. 2002 – Aug. 2003)

American Red Cross

Development of program of non-structural mitigation tools and techniques research, educational materials development and instructor training program. (Aug. 2002 – Feb. 2003)

Caritas/Cordaid

Development of outreach program recruiting and training local women to deliver home-based and small-group education to 2,000 families in low-income and recent rural migrant neighborhoods in the Ümraniye district of Istanbul. Includes integrated action-research oriented program evaluation design. (Mar. - Aug. 2002)

American Red Cross

Principal Researcher for Reconnaissance Study of Causes of Deaths and Injuries in Afyon (Sultandagi-Bolvadin) Earthquake, February 2002. Lessons Learned for public dissemination.

International Union of Local Authorities, Eastern Mediterranean Middle East, cooperative project with UNDP Local Agenda 21 and Swiss Development Corporation:

Consultant in disaster mitigation program development and delivery for provinces of Bursa, Sakarya, Çanakkale (Oct. 2001 – Dec. 2002)

United Methodist Committee on Relief:

Development of basic disaster awareness and trauma prevention education for local mental health providers and first responders, following Afyon earthquake. (Mar.-Jun. 2002). Needs assessment, development of educational and cultural enrichment program, study tour on modern educational methods, and disaster awareness education program design for Gazanfer Bilgi School for the Deaf. (Nov. 2000 - Feb. 2001)

Mercy Corps

Design and implementation of model program for hospital non-structural risk mitigation with Istanbul Police Hospital (July 2000 - January 2001)

Bogaçi University, Kandilli Observatory and Earthquake Research Institute :

Specialist – Disaster Preparedness Education (March 2000 – September 2000).

American Friends Service Committee :

Production of 12 x 5-minute public education video segments “Five Minutes for Life” with CNN Turk and American Friends Service Committee. (June - August, 2000)

Preparation of Directory of Organizations involved in Disaster Preparedness and Relief in the Marmara Region with American Friends Service Committee and Civil Coordination Against Disasters. (July - December, 2000)

Epidemiological Survey Design and Implementation - injuries and deaths in the Kocaeli Earthquake with UCLA School of Public Health, and American Friends Service Committee (Aug. 2000 – March 2001) (also supported by American Red Cross)

Istanbul Neighborhood Disaster Mitigation and Preparedness Needs Assessment for American Friends Service Committee. (April - June 2000)

American Jewish World Service:**Project Development of Disaster Region - Geospatial Information Sharing Systems –**

Pilot Projects for Kocaeli, and Duzce in association with American Jewish World Service, Izmit Kent Kurultayi, Duz-Der, Sayisal Grafik and Women’s Solidarity Foundation. (April - Oct. 2000)

Trauma Treatment Training Program Development Consultation with American Jewish World Service, Hacettepe University School of Social Work, Turkish Psychological Association and Kocaeli University Psychiatry Department. (Sept. - Nov. 1999)

Start-up Trauma Treatment Libraries for Kocaeli University Department of Psychiatry, Hacettepe University School of Social Work, and Turkish Psychological Association, Istanbul. (Nov. - Dec. 1999)

Other

Willis - TEFER Project, Focus group research on disaster mitigation and pooled risk, Istanbul Turkey (Oct. 2001)

Project Development for Canine Search and Rescue Team Training for of first civilian canine search and rescue teams in Istanbul with International K-9 SAR and Citibank Private Bank. (Oct. 1999)

Development of Disaster Preparedness Training Materials for basic awareness and safety, Standard Emergency Management Systems, psychotrauma preventio, and children's educational materials (Sept. 1999 - present)

Disaster Preparedness Training Seminars to schools, businesses, non-governmental organizations, neighborhood organizations and childrens groups. (Sept. 1999 - present)

• PROJECT DEVELOPMENT - Interactive Media and Geographic Information Systems, Inc.

Organizational development, public relations, publicity, and project plan development. Planning projects include: Demonstration Disaster Relief GIS, Real-Time Differential Global Positioning Systems service plan, digital spatial database development plan for Istanbul, Multi-Lingual multi-lingual dictionary of seven Turkic languages, model accessible housing plan for Pendik. Web Site development . Istanbul, Turkey, Sept. 1998 – Dec. 1999.

• EDUCATIONAL ADVOCACY CONSULTANT - Private Practice

Consumer education in educational policy and individual rights, consultation in team work, interest-based negotiation, and collaboration in development of individualized educational plans. Clinical practice & research in adjustment to loss and change and grief recovery. Southern California. Sept. 1990 – July 1998.

• DIRECTOR – Community Child Abuse Councils Coordination Project

Coordination of the efforts of 14 community-based voluntary organizations. Goal-setting, facilitation of interagency communication and joint projects, social policy impact efforts, conference-planning. Los Angeles, CA. 1992-1995.

• ASSISTANT PROFESSOR - University of Southern California, Graduate School of Social Work.

Field Coordinator, Community Organization, Planning & Administration track. Field curriculum development, recruitment and training of field supervisors, guidance and consultation to graduate student interns and supervisors. Los Angeles, CA. 1985 – 1990.

• FOUNDING EXECUTIVE DIRECTOR/Associate Director - All the People

Director of non-profit educational media corporation. Co-curator and writer of a traveling photo-narrative exhibition. Producer of award-winning 30-min. educational video on child abuse prevention and the deaf, "Stop the Hurt" for the State of California. Producer of award-winning documentary film pilot "Same Same" . Los Angeles, CA. 1985 - 1991.

• PROGRAM DIRECTOR - JCCA

Community program coordination to bring together voluntary resources in education, recreation, transportation and human development with minority communities. Los Angeles, CA. 1981-1985.

• DEPUTY DIRECTOR - Houston Center for Independent Living, Director, Center on Deafness

Community organization for new program development bringing together private and public sector resources in communications, transportation, education and human welfare. Houston, TX. 1980-81.

HIGHER EDUCATION :

• **Doctor of Philosophy** University of California, Los Angeles, 2004. Urban Planning Department, School of Public Policy and Social Research. Concentration: social policy and public services

• **Masters in Social Work** University of Houston, 1980. Graduate School of Social Work, Planning and Administration. Minor: education policy

• **Bachelor of Science** - University of Sussex, England, 1975. Experimental Psychology.

COMMUNITY SERVICE:

• EERI N.CA Quake '06 School Seismic Safety Committee volunteer, 2005-2006.

• Friends of Anatolia Advisory Council Member, 2004- present.

• International Baccalaureate Program Committee Chair - San Jose High Academy PTSA, 2003-2004.

• American Red Cross Volunteer - Instructor: Community First Aid and Safety. Volunteer: Disaster Action Team

• Member, Board of Trustees – Hueneme School District. Elected to office 1992, 1996.

PROFESSIONAL ASSOCIATIONS & NETWORKS

Disaster Risk Reduction Education Network, Coalition for Global School Safety, International Network for Education in Emergencies, Earthquake Engineering Research Institute, National Association of Social Workers

LANGUAGES:

Turkish (conversation). Japanese (basic conversation). French (basic reading). American Sign Language.

PUBLICATIONS & PRODUCTIONS

Petal, Marla "**Ch. 1 Disaster Risk Reduction Education: Material Development, Organization, Evaluation**" in Kelman, I. ed. *RDD Journal*, Kobe, Japan. 2008 (in press).

Petal, Marla "**Ch. 6.1 Disaster Risk Reduction Education**" in Shaw, R. and Krishnamurty, R. eds. *Disaster Management: Global Challenges and Local Solutions*, Universities Press India. 2008 (in press).

Wisner, Ben et al. "**School Seismic Safety: Falling Between the Cracks?**" in E. Roval & C. Rodrigue (eds.) *Earthquakes*, Routledge, London, 2008.

Petal, Marla & Rebekah Green, Ilan Kelman, Rajib Shaw & Amod Dixit "**Community-based Construction for Disaster Risk Reduction**" Ch. 11 in Lee Boshier Ed. *Hazard Mitigation and Construction: Attaining Built-in Resilience*, under review. 2007.

Petal, Marla "Engaging Social Workers in Disaster Risk Reduction Across the Curriculum: A Few Missing Pieces", in **Proceedings of the International Seminar on Disaster Planning, Management, and Relief: New Responsibilities for Social Work Education**, Council on Social Work Education, St. Michael, Barbados January 10–12, 2007.

Petal, Marla "**Applied Grants Programme for Young Researchers - Programme Review, 2003-2006**" Provention Consortium, Geneva, 2007 Available from www.proventionconsortium.org

Spence, Robin et al. "**Using eyewitness reports to assess the impact of the 26.12.04 Southern Asian Tsunami**", *The Maritime Engineering Journal*, ICE, to be published 2007.

Coalition for Global School Safety, "**School Safety Advocates' CD**" (The Mother slide presentation and advocacy support tools), COGSS & EERI, April, 2006 & January 2007.

Petal, Marla "**Urban Community-Based Disaster Mitigation**" online course module for World Bank's online Disaster Management course for Turkey, 2006.

Petal Marla "**Five Minutes for Life**" 10 x 5-minute public awareness video segments on disaster risk reduction, with Khusan Tursunov, Hayot, Tashkent, Uzbekistan (Russian, Uzbek, Tajik, English). 2006.

Central Asia Earthquake Safety Initiative, "**Introduction to Community-Based Disaster Risk Reduction**" course for university-based instructors in Central Asia and Turkey. (GeoHazards International in collaboration with Bogaziçi University, Kandilli Observatory and Earthquake Research Institute, Disaster Preparedness Education Program; July, 2005.

Petal, Marla "**Urban Risk Reduction Framework for Central Asia Earthquake Safety Initiative**", available online as part of Provention Consortium, Community Risk Assessment Toolkit. 2005.

Petal, Marla A. & Carol Lopes, "**Innovative Approaches to Non-Structural Mitigation**", *Proceedings of the Disaster Resistant California Conference*, Sacramento, May 2005.

Petal, Marla A.; "**Content Development for Urban Earthquake Mitigation Education: The Missing Link between Knowledge and Action**", *Proceedings of the First International Conference on Urban Disaster Reduction*, Kobe, January, 2005.

Petal, Marla A.; "**Bogaziçi University, Kandilli Observatory and Earthquake Research Institute, Disaster Preparedness Education Project and GeoHazards International - Central Asia Earthquake Safety Initiative**" in T. Jeggle (ed.), *Know Risk*, ISNDR, Tudor Rose, London, 2005.

Petal, Marla A.; Türkmen, Zeynep; **Basic Disaster Awareness Distance Learning Program**, Disaster Preparedness Education Program, Kandilli Observatory and Earthquake Research Institute, Bogaziçi University. <http://www.ahep.org>, January, 2005.

Petal, Marla A.; Celep, Utku; Tüzün, Cüneyt; Green, Rebekah, **Teaching Structural Hazards Awareness: New Partnerships For Mitigation And Community Response**, *Bulletin of Earthquake Engineering Vol. 2, No. 2*, 2004.

Petal, Marla Ann; **Urban Disaster Mitigation and Preparedness: The 1999 Kocaeli Earthquake**, Ph.D. Dissertation, University of California, Los Angeles, Department of Urban Planning, 2004.

Petal, Marla, A., **Epidemiology Of Deaths And Injuries In The August 17, 1999, 3:02 A.M. Mw 7.4, Kocaeli Earthquake**, *Fifth National Conference on Earthquake Engineering*, 26-30 May 2003, Paper No: AE-045 Istanbul, Turkey.

Petal, Marla A.; Harkins, James; Collins, Larry Collins, **Community Disaster Volunteers Curriculum**, Disaster Preparedness Education Project. 2-day training program. Multi-media presentation, workbook, instructor handbook, and citizen handbook. January, 2003.

Petal, Marla A.; Türkmen, Zeynep, **Basic Disaster Awareness Handbook**, Disaster Preparedness Education Project, Kandilli Observatory and Earthquake Research Institute, Bogaziçi University. January, 2002.

Petal, Marla A.; Türkmen, Zeynep, **Istanbul Community Impact Project Instructor's Guide**, Kandilli Observatory and Earthquake Research Institute, Bogaziçi University. January, 2002.

Petal, Marla A.; Isıkara, Prof. Dr. Ahmet Mete, Sezgin, Remzi, **Disaster Preparedness Education: Strategies for Turkey's Schools**, Educational Facilities and Risk Management, *OECD, PEB Schools Conference*, Thessaloniki, Greece, November, 2001. Proceedings, 2004.

Petal, Marla A., **Yasam Icin Bes Dakika (Five Minutes for Life)**, Educational CD-Rom incorporating 60 minutes of video produced for CNN Turk and American Friends Service Committee adapted for instructional purposes, and accompanying fact sheets. July, 2001

Petal, Marla A., **Yasam Icin Bes Dakika (Five Minutes for Life)**, Twelve 5-minute public education segments on disaster preparedness for CNN Turk and American Friends Service Committee, August, 2000.

Petal, Marla A., **Non-Governmental Organizations in Local Disaster Preparedness: Initiatives and Needs**, *Insight Turkey*, Vol. 2 No. 2, April-June 2000. p. 47-60

Petal, Marla A., **Community Organization Skills Applied to Local Disaster Preparedness** in Dr. A. Peril Tufan, Dr. Aliye Mavili Aktaş & Dr. Veli Duyan eds. *Trauma Treatment Professional's Training*, Hacettepe University School of Social Work, Serial No. 005, Ankara, 2000.

Petal, Marla A., **Iqbal Masih and the Struggle Against Child Labor** Chapter in Mitch Stripling Ed. book and website on Human Rights. United Nations. 2000.

Petal, Marla A., Baron, Michelle, **Crying Hands**, a feature film treatment, with Michelle Baron, 1991. Winner of Streisand Award, 1992.

Petal, Marla A.; Baron, Michelle, **Child Abuse: Stop the Hurt**, Educational documentary with accompanying User's Guide. California State Dept. of Social Services, Office of Child Abuse Prevention, and the California Association of the Deaf. 1989. Winner of Silver Apple Award - National Educational Film and Video Festival, and Media Access Awards Finalist, California Governor's Committee on Employment of the Handicapped, 1990.

Petal, Marla A., Baron, Michelle, **In Der Nacht: Deaf Survivors and Victims of Nazi Oppression**, a traveling photo-narrative exhibit sponsored by U.S. Holocaust Memorial Museum. Media Access Award, California Governor's Committee on Employment of the Handicapped, 1989.

Petal, Marla A.; Ülgen, Suha, **Estimated Needs of Deaf Children for Child Protective Services in Los Angeles County**, San Jose House for Deaf Children, July 1, 1989.

Petal, Marla A., **Community Organization Planning and Administration - A Field Curriculum Guide**, USC School of Social Work, 1988, 1989.

Petal, Marla A., **Deaf Adults in the Lives of Deaf Children**, in Proceedings of the Conference of the International Association of Parents of the Deaf, July 1984.

Petal, Marla A., **Independent Living and Deafness**, Independent Living Research Utilization Project, Technical Paper, 1980.

SELECTED PRESENTATIONS:

Priorities and Strategies for School Safety and Disaster Risk Reduction Education for Children, 2nd Asian Ministerial Meeting on Disaster Risk Reduction, New Delhi, November, 2007

Global Online Disaster Risk Reduction Education Library, Euro-Mediterranean Workshop on Disaster Reduction at School, Paphos, October, 2007.

Formal and Informal Disaster Risk Reduction Approaches and Materials for Children, Asia-Pacific Regional Conference on School Safety and Disaster Risk Reduction Education, Bangkok, October, 2007.

The Three Pillars of Global School Safety, International Conference on Earthquake Risk Management, Earthquake Reconstruction and Recovery Authority, Islamabad, Pakistan, April, 2007.

Disaster Risk Reduction: Walking the Walk in Social Work Education, Disaster Planning, Management & Relief: New Responsibilities for Social Work Education, Council on Social Work Education Barbados, January, 2007.

Business Partnerships for Community Disaster Response Education, IASA-DPRI 6th Annual Conf. Istanbul, Turkey, August 2006,

Coalition for Global School Safety; A Call to Action Keynote address at roll-out workshop for Gujarat School Safety Initiative, Ahmedabad, November, 2005.

Participatory Action and Research: Cross Disciplinary Experiences in Turkey and Central Asia, ProVention Consortium/DiMP Cape Town University Workshop on Community Risk Assessment (CRA), June 2005.

Non-Structural Mitigation: A Shared Responsibility, Martin Centre, Research Society, Cambridge University, May 2005.

Innovative Approaches to Non-Structural Mitigation, Disaster Resistant California Conference, Sacramento, May 2005. with Carol Lopes,

Community-Based Disaster Mitigation Program Development. Poster Session. UN ISDR World Conference on Disaster Reduction, Kobe, January 2005.

Content Development for Urban Earthquake Mitigation Education: The Missing Link between Knowledge and Action, *Proceedings of the First International Conference on Urban Disaster Reduction*, Kobe, January, 2005.

Community-based Practice for Change: Participatory Approaches to Rapid Exchange of Knowledge, Engineers for a Sustainable World Conference, October 2004.

Core Concepts for Community Based Urban Earthquake Mitigation, *ECHO Experts Meeting*, Aleppo, Syria, June 2004. (delivered by Zafar Teshayev).

NGOs in Disaster Mitigation, Civil Society Organization in Disaster Preparedness Symposium, Afete Karsi Sivil Koordinasyon, Istanbul, Turkey, June 2004. (delivered by Umit Alniacik).

Earthquake Mitigation & Preparedness: Lessons from Turkey, UCLA Public Health and Disasters Conference, May, 2004.

Business Continuity Planning & Museum Seismic Safety, *International Destination Risk Management Conference*, George Washington University and Bogaziçi University, Istanbul, Turkey, June 2004. and, *U.S. State Dept. Overseas Security Advisory Committee*, Istanbul, Turkey, March 2004.

Urban Community-Based Disaster Mitigation in Turkey 2000-2003, *Earthquake Safer World in the 21st Century III: International Workshop on People, Communities, & Disaster*, United Nations Centre for Regional Development, Kobe, Japan, Jan. 30 - Feb. 1, 2003.

Reconnaissance Report: Deaths And Injuries. February 6th 2002, 9:03 a.m. 6.0 Ms Afyon (Sultandagi Bolvadin) Earthquake, Bogazici University, Kandilli Observatory & Earthquake Research Institute, Disaster Preparedness Education Project, October 2002, Istanbul, Turkey,

Research Report: Causes of Deaths And Injuries In The August 17, 1999, 3:02 A.M. Mw 7.4, Kocaeli Earthquake, Bogazici University, Kandilli Observatory & Earthquake Research Institute, Disaster Preparedness Education Project, October 2002, Istanbul, Turkey,

Community Disaster Volunteers - Localizing a Curriculum for Turkey - Natural Hazards 2002, Conference, Antalya, Turkey, October, 2002.

Causes of Deaths and Injuries in the August 1999, 3:02 a.m. Mw 7.4, Kocaeli Earthquake, *Natural Hazards 2002 Conference*, Antalya, Turkey, October, 2002.

Causes of Deaths and Injuries in the August 1999, 3:02 a.m. Mw 7.4, Kocaeli Earthquake, Preliminary Findings, *National Science Foundation - Tubitak Conference, Kocaeli & Taiwan Earthquake Research Reports*, Antalya, Turkey, March 2002 with Dr. Kimberley I. Shoaf.