



Loredana Antronico, Fausto Marincioni (Eds.)

Post-disaster dynamics in inner areas. An Italian hypothesis for transition management

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Abstract

The city can be defined as a balanced relation among *polis*, *civitas* and *urbs* (Salzano, 1998). Disasters impact this balance. Undermining the link between the components as well as the component themselves, the disaster can lead a city to the death, especially if the balance is already damaged (Edgington, 2010), at the same time it can represent the opportunity for changing the development trajectory of the territory (May and Williams, 2012). The catalyst effect of a disaster, and in particular of an earthquake, emerges more evident in inner areas where generally there are ongoing negative demographic and socio-economic trends (Barca, 2014).

With this premise, the chapter proposes an overview of Italian reconstruction processes from the post-war period until today with the main aim of highlighting the dynamics of disaster governance and community organization, which are often less visible in the ordinary circumstances.

The approach to reconstruction used seems not to be able to stem these phenomena and to reverse trends in order to "revitalize" the territories.

The chapter aims to show the possible application of a flexible tool, such as the Transition Management approach, to the issue of post-disaster management in inner areas.

Basing our study on transition management theories and (Rotmans *et al.*, 2001; Bosch and Rotmans, 2008) disaster and post-disaster literature, the research uses the window of opportunity concept to connect the concepts of development trajectory, transition, trajectory break and trajectory reshape. Finally, the aims of the research are explained under the light of the ultimate goal of contributing to resilience-building vocation of the National Strategy (Barca *et al.*, 2013).

Using a multiple case study approach, three different earthquake events will be analysed and reasons of the occurred (if occurred) urban-death in inner area will be outlined.

The work will try to connect the issue of disaster-management and inner-areas, and it will propose to improve the post-disaster phase thanks to the exploitation of an existing planning tool with the aim to start a conscious recovery by optimizing efforts, data and time.

Looking at the failure factors of three recovery processes the authors will propose the adoption of an existing National strategy (SNAI) as actant for the planning of inner and earthquake-impacted areas.

Keywords: Inner areas, Transition management, earthquake.

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Works Cited

Alexander, D.E., 2002, *Principles of emergency planning and management*, Oxford University, Press on Demand.

Alexander, D., Sagramola, S., 2014, Major Hazards and People with Disabilities: Their Involvement in Disaster Preparedness and Response, Council of Europe, Strasbourg.

Alexander, D., 2016, How to write an emergency plan, Dunedin Academic Press.

Barrios, A.V., 2014, "Mainstreaming disability into humanitarian responses. In: Mitchell, D. and Karr, V. (Eds.), *Crisis, Conflict and Disability: Ensuring Equality*, Routledge, 25-31.

Council of Europe, Committee of Ministers, Recommendations Rec(2006)5 of the Committee of Ministers to member states on the Council of Europe Action Plan to promote the rights and full participation of people with disabilities in society: improving the quality of life of people with disabilities in Europe 2006-2015 (adopted by the Committee of Ministers on 5 April 2006 at the 961st meeting of the Ministers' Deputies).

Crock, M., Hart, N., McCallum, R., 2014, Ensuring equality in situations of crisis. In: Mitchell, D. and Karr, V. (Eds.), *Crisis, Conflict and Disability: Ensuring Equality*, Routledge, 9-18.

Decree of the President of Italian Republic 24 July 1996, n. 503: Rules for the elimination of architectural barriers in public buildings, public environment and facilities.

Elmore, D. and Brown, L, 2007, "Emergency preparedness and response: health and social policy implications for older adults", *Generations*, 31, 4, 66–74.

European Association of Service Providers for Persons with Disabilities, 2014, "European Conference Planning Inclusive Communities: Challenges and Strategies of Local Implementation of the UN Convention on Rights of Persons with Disabilities", UNCRPD.

European Commission, 2010, Communication from the Commission to the European Parliament, to the Council, to the European Economic and Social Committee and the Committee of the Regions, European Disability Strategy 2010- 2020: A Renewed Commitment to a Barrier-Free Europe, 2010, p.9.

Handicap International [HI], 2010, "Access to Services for Persons with Disabilities in Challenging Environments", *Handicap International*, ISBN 978-2-909064-40-6, Lyon, France.

Harris, L., 2004, "Harris survey documents trends impacting 54 million Americans", *National Organization on Disability*, Washington DC.

Hoffman, S., 2008, "Preparing for disaster: Protecting the most vulnerable in emergencies", *UC Davis L. Rev.*, 42, 1491.

International Federation of Red Cross and Red Crescent Societies [IFRC], 2007, "World Disasters Report 2007: Focus on Discrimination", *International Federation of Red Cross and Red Crescent Societies*, ISBN 92-9139-126-3, Geneva, Switzerland.

Ito, A., 2014, Disability, natural disasters, conflict, humanitarian emergencies: The work of the United Nations. In: Mitchell, D., Karr, V. (Eds), *Crises, conflict and disability: Ensuring Equality*, Routledge, 19-24.

Jenkins, P., Laska, S., Williamson, G, 2007, "Connecting future evacuation to current recovery: Saving the lives of older people in the next catastrophe", *Generations*, 31, 4, 49-52.

Klasing, A. M., Moses, P. S., Satterthwaite, M. L., 2011, "Measuring the way forward in Haiti: Grounding disaster relief in the legal framework of human rights", *Health and Human Rights*, 13, 1, 15–35.

Law n. 225 of February 24, 1992: Istituzione del Servizio Nazionale della Protezione Civile", published in the Gazzetta Ufficiale n. 64 of March 17, 1992.





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Legge Regionale 4 giugno 1996, n. 18: Promozione e coordinamento delle politiche di intervento in favore delle persone in condizione di disabilità.

Legislative Decree n. 196 of June 30, 2003: Italian personal data protection code.

Legislative Decree n.1 of January 2, 2018: Codice della Protezione Civile, published in the Gazzetta Ufficiale n. 17 del 22 gennaio 2018.

Legislative Decree, Ministry of Public Works, 14 June 1989, n. 236: Technical prescriptions to guarantee accessibility, and adaptability of private and assisted residential buildings for the overcoming and elimination of architectural barriers.

Ministerial Decree of 10th March 1998: General criteria for fire safety and for managing emergencies in the workplace".

Mitchell, D., Karr, V., 2014. Crises, conflict and disability: Ensuring Equality, Routledge.

National Organization on Disability, 2009, Functional Needs of People with Disabilities, National Organization on Disability, Washington, USA.

Njelesani, J., Tataryn, M., Cleaver, S., Nixon, S., 2012, "Using a human rights-based approach to disability in disaster management initiatives", *Natural Disasters*, InTech.

Office of the High Commissioner on Human Rights, n.d., Initial National Report to the Committee on the Rights of Persons with Disabilities, OHCHR.

Quigley, B., 2006, "Six Months After Katrina: Who Was Left Behind-Then and Now", 0221-36. Reinhardt, J. D., Li, J., Gosney, J., Rathore, F. A., Haig, A. J., Marx, M., DeLisa, J. A., 2011, "Disability and health-related rehabilitation in international disaster relief", *Global Health Action*, 4, 1, 7191.

Roth, M., 2014, GETTING REAL - promising practices in disability-inclusive emergency management for the whole community. A case study of the United States. In: Mitchell, D., Karr, V. (Eds.), *Crises, conflict and disability: Ensuring Equality*, Routledge, 105-123.

Rouhban, B., 2014, Enhancing disaster preparedness and resilience of people with disabilities. In: Mitchell, D., Karr, V. (Eds.), *Crises, conflict and disability: Ensuring Equality*, Routledge, 75-83

Rowland, J.L., White, G.W., Fox, M.H., Rooney, C., 2007, "Emergency response training practices for people with Disabilities: Analysis of Some Current Practices and Recommendations for Future Training Programs", *Journal of Disability Policy Studies*, 17, 4, 216-222.

Sendai Framework for Disaster Risk Reduction, 2015–2030. In: UN world conference on disaster risk reduction, 2015 March 14–18, Sendai, Japan. Geneva: United Nations Office for Disaster Risk Reduction; 2015.

Smith, D.L., Notaro, S.J., 2009, "Personal emergency preparedness for people with disabilities from the 2006-2007 Behavioral Risk Factor Surveillance System", *Disability and Health Journal*, 2, 2, 86-94.

Smith, F., Jolley, E., Schmidt, E., 2012, "Disability and disasters: The importance of an inclusive approach to vulnerability and social capital", *Haywards Heath*, UK: Sightsavers.

Stough, L.M., Kang, D., 2015, "The Sendai Framework for Disaster Risk Reduction and Persons with Disabilities", *International Journal of Disaster Risk Science*, 6, 2, 140-149.

UN General Assembly, Convention on the Rights of Persons with Disabilities, 13 December 2006, A/RES/61/106, Annex I.

United Nations International Strategy for Disaster Reduction, 2005, Hyogo framework for action 2005-2015: Building the resilience of nations and communities to disasters, Geneva: UNISDR.





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Van Willigen M., Edwards T., Edwards B., Hessee S., 2002, "Riding out the storm: Experiences of the physically disabled during Hurricanes Bonnie, Dennis, and Floyd", *Natural Hazards Review*, 3, 3, 98-106.

Verona Charter on the rescue of persons with disabilities in case of disasters: declaration of the participants in the Consensus Conference, Verona, 8-9 November 2007.

White House, 2006, The federal response to Hurricane Katrina: Lessons learned, *Washington DC: The White House*.

World Conference on Natural Disaster Reduction, Yokohama, Japan, 27-27 May, 1994.

World Health Organization, 2011, "Chapter 1: Understanding disability", World Report on Disability. Malta, 1–17.