

Joint IEA/ISI Strategic Forum 2015 and High-Level Expert Group on the Measurement of Economic Performance and Social Progress Workshop

Measuring economic, social and environmental resilience

In 2012 the International Economic Association (IEA) and the International Statistical Institute (ISI) have established a Strategic Forum, co-chaired by Prof. Enrico Giovannini and Joseph E. Stiglitz, to promote new measurement and analytical frameworks and tools for “equitable and sustainable well-being”. On 25-26 November the third “Strategic Forum” will take place in Rome, sponsored by the SAS Institute and supported by the Einaudi Institute for Economic and Finance (EIEF), the Italian National Institute of Statistics (Istat) and the Bank of Italy. The Forum is organised jointly with the High-Level Expert Group on the Measurement of Economic Performance and Social Progress hosted by the OECD.

The Forum will take place at the EIEF and will start on 25th morning and finish on 26th at lunch time. A dinner for speakers and chairs is foreseen on the evening of the 25th.

The 2015 Strategic Forum will focus on the measurement of resilience in its multiple dimensions. The concept of resilience has been originally developed in the **material science** to describe “the ability of a material to absorb energy when it is deformed elastically, and release that energy upon unloading”. In **ecology** resilience can be used either as “the rate at which a system returns to a single steady or cyclic state following a perturbation” or “the conditions where instabilities can flip a system into another regime of behaviour”. In **economic and social** terms, resilience is “the ability of an economy and of a society to retain function, employment and prosperity in the face of the perturbation caused by a shock”.

During the last 18 months several papers have been published on the different dimensions of resilience (OECD, World Bank, UNDP, etc.) and this concept has been also used in policy oriented documents and speeches, such as the analytical note “Preparing for Next Steps on Better Economic Governance in the Euro Area” and the opening speech of the ECB President at the May 2015 Forum on Central Banking.

The Forum will bring experts in the field of measuring the different dimensions of resilience to discuss the most recent developments and possible future developments. In particular, the Forum will have two technical sessions could be devoted to the measurement of:

- Economic and social resilience; and
- Ecological resilience.

The final plenary session will then discuss how these concepts could be mainstreamed in policy frameworks and business strategies.

AGENDA

Wednesday 25 November, EIEF, Via Sallustiana, 62, 00187 Rome	
9:30 – 10:00	<p>Welcome and setting the scene</p> <p>Daniele Terlizzese, Director of EIEF Marco Icardi, CEO of SAS Italy Enrico Giovannini, Representing the ISI Martine Durand, Representing the HLEG Joseph E. Stiglitz, Representing the IEA</p>
10:00 – 11:00	<p>Session 1.1: <i>How to measure the resilience/vulnerability of economic and financial systems?</i></p> <p>Chair: Franco Peracchi, EIEF</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Aida Caldera Sánchez, OECD, “Assessing economic resilience: from concept to measurement to policy implications” (presentation) • Philipp Hartmann, European Central Bank, “Some reflections on the resilience of economic and financial systems” (presentation) <p>Discussant: Daniele Terlizzese, EIEF (presentation)</p>
11:00 – 11:30	<i>Coffee break</i>
11:30 – 13:00	<p>Session 1.2: <i>How to measure the resilience/vulnerability of economic and financial systems?</i></p> <p>Chair: Ravi Kanbur, Cornell University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Stefano Battiston, University of Zurich, “Measuring financial resilience: the interplay of financial networks, leverage and macroeconomic imbalances” (presentation) • Roberto Monducci, Istat, “A multidimensional approach for the measurement of competitiveness and economic resilience: the design, production and exploitation of integrated micro level data” (presentation) <p>Discussant: Francesca Campolongo, Joint Research Centre (presentation)</p>
13:00 – 14:30	<i>Lunch</i>
14:30 – 16:30	<p>Session 2: <i>How to measure and promote the resilience of social systems?</i></p> <p>Chair: Khalid Malik, Former Director of the Human Development Report Office</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Falilou Fall, OECD, “Assessing the vulnerability of social institutions” (presentation) • Allister McGregor, University of Sheffield, “Human Wellbeing and Resilience: Insights into Measurement from a Complex Systems Perspective” (presentation) • Steve Killelea, Institute for Economics and Peace, “Positive peace and resilience” (presentation) • Adrien Vogt-Schilb, World Bank, “Assessing socio-economic resilience to natural disasters” (presentation) <p>Discussant: Linda Laura Sabbadini, Istat</p>

Wednesday 25 November (continued), EIEF, Via Sallustiana, 62, 00187 Rome	
16:30 – 17:00	<i>Coffee break</i>
17:00 – 17:45	<p>Session 3.1: How to measure the resilience of ecosystems?</p> <p>Chair: Walter Radermacher, Eurostat</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Jock Martin, The European Environment Agency (EEA), “European environmental trends 2015: linking resilience, efficiency and well-being goals” (presentation) • Sarah Cornell, Stockholm Resilience Centre, “Earth’s ecosystems: their properties, and what these mean for resilience measurement” (presentation)
Thursday 26 November, EIEF, Via Sallustiana, 62, 00187 Rome	
9:00 – 10:00	<p>Session 3.2: How to measure the resilience of ecosystems?</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Walter Radermacher, Eurostat, “Environmental Sustainability – an interdisciplinary approach to new metrics” (presentation) <p>Discussant: Carl Obst, Melbourne Sustainable Society Institute</p>
10:00 – 10:30	<i>Coffee break</i>
10:30 – 13:00	<p>Final Roundtable: Innovative policies and business strategies to make human and ecological systems more resilient <i>(open to general public)</i></p> <p>Chair: Alessandra Galloni, Thomson Reuters</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Enrico Giovannini, University of Rome “Tor Vergata” • Joseph E. Stiglitz, Columbia Business School • Martine Durand, OECD • Karl Falkenberg, European Commission • Federico Signorini, Bank of Italy
13:00 – 14:30	<i>Lunch</i>