

 Early Warning System

IADB-EC-L1221

National Early Warning System Program



## Quick Facts

<b>Countries</b>	Ecuador
<b>Specific Location</b>	6 provinces
<b>Financial Institutions</b>	Inter-American Development Bank (IADB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	C
<b>Voting Date</b>	2017-02-08
<b>Borrower</b>	Government of Ecuador
<b>Sectors</b>	Climate and Environment, Infrastructure
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 12.45 million
<b>Project Cost (USD)</b>	\$ 15.30 million



## Project Description

The general objective of the program is to strengthen the national early warning system for tsunamis and riverine floods. The specific objectives are as follows: (i) to strengthen national monitoring, forecasting, and alert capacities for tsunamis and riverine floods; and (ii) to improve community capacity to understand and respond to such alerts. The identified priority area of intervention encompasses 119 communities in 6 provinces (El Oro, Esmeraldas, Galápagos, Guayas, Manabí, and Santa Elena).

### Background:

In recent years, the Bank has approved seven projects (three loans and four technical cooperation operations) in the area of disaster risk management in Ecuador.<sup>24</sup> Of these, four projects—one loan (1707/OC-EC) and three technical cooperation operations (ATN/MD-11327-EC, ATN/OC-11386-EC, and ATN/JF-15752-EC)—focused on prevention and strengthening of local capacity, including support for an “Early Warning System and Natural Risk Management” for Cotopaxi and Tungurahua Volcanoes under loan 1707/OC EC. The three remaining operations (EC-X1014, 3751/OC-EC, and ATN/OC-15539-EC) were aimed at financing response and rehabilitation activities following the April 2016 earthquake. Under a contingent credit facility (EC-X1014), US\$160 million was disbursed to provide immediate support to the government for responding to the emergency in the energy, health, and water and sanitation sectors, and for removing debris, etc. In September 2016, financing of US\$19.7 million was approved under the immediate response facility (3751/OC-EC) for the ongoing rehabilitation of roads and water and sanitation infrastructure. The proposed program complements the aforementioned operations and aims to strengthen the EWS to improve disaster prevention.



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## Investment Description

- Inter-American Development Bank (IADB)

Component 1. Strengthening of the national monitoring and forecasting network (US\$5.35 million)

Component 2. Strengthening of the alert system and community response capacity (US\$9.71 million)

Program management, administration, audits, and evaluation (US\$0.24 million).



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## Contact Information

### ACCOUNTABILITY MECHANISM OF IADB

The Independent Consultation and Investigation Mechanism (MICI) is the independent complaint mechanism and fact-finding body for people who have been or are likely to be adversely affected by an Inter-American Development Bank (IDB) or Inter-American Investment Corporation (IIC)-funded project. If you submit a complaint to MICI, they may assist you in addressing the problems you raised through a dispute-resolution process with those implementing the project and/or through an investigation to assess whether the IDB or IIC is following its own policies for preventing or mitigating harm to people or the environment. You can submit a complaint by sending an email to [MICI@iadb.org](mailto:MICI@iadb.org). You can learn more about the MICI and how to file a complaint at <http://www.iadb.org/en/mici/mici,1752.html> (in English) or <http://www.iadb.org/es/mici/mici,1752.html> (Spanish).



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## Bank Documents

- [Approved Proposal: Fortalecimiento de Sistema de Alerta Temprana](#) [Original Source]
- [Project Proposal: Fortalecimiento del Sistema Nacional de Alerta Temprana](#) [Original Source]



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**Other Related Projects**

- IADB-EC-L1218 Emergency Program for an Immediate Response to the Earthquake in Ecuador
- IADB-EC-T1349 Emergency Support for Earthquake in Ecuador
- IADB-EC-X1014 Contingent Loan for Natural Disaster Emergencias