

**FORTY-EIGHTH AMENDMENT TO  
ELSEVIER SUBSCRIPTION AGREEMENT**

**WHEREAS**, the parties hereto have previously entered into an agreement dated 5 February 2009 (the "Agreement") as last amended on 14 March 2012 and wish to amend the Agreement as set forth in this amendment ("Amendment").

**NOW, THEREFORE**, in consideration of the mutual promises and covenants set forth below, and for such other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to amend the Agreement as of the execution date below as set forth below and on Schedule 1.

Except as specifically amended hereby, all of the existing terms and conditions of the Agreement are hereby ratified. Capitalized terms used herein that are not otherwise defined shall have the meanings ascribed to them in the Agreement. To the extent any terms or conditions of the Agreement conflict with or are inconsistent with this Amendment, the terms of this Amendment shall prevail.

**IN WITNESS WHEREOF**, the parties have executed this Amendment by their respective, duly authorized representatives as of 27 March 2012.

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**(Subscriber)**

[Text deleted]

\_\_\_\_\_  
Name

Title: *Executive Director*

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Amendment No.: 1-2980827871

**FORTY-EIGHTH AMENDMENT TO  
ELSEVIER SUBSCRIPTION AGREEMENT  
Schedule 1  
Subscribed Products/Access/Fees**

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No. 1-2980827871

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