



## Correction to: Climate Change Interactions with Agriculture, Forestry Sequestration, and Food Security

Luis Moisés Peña-Lévano<sup>1</sup> · Farzad Taheripour<sup>2</sup> · Wallace E. Tyner<sup>2</sup>

Published online: 8 April 2019  
© Springer Nature B.V. 2019

### Correction to: Environmental and Resource Economics

<https://doi.org/10.1007/s10640-019-00339-6>

This correction stands to correct the original article as the authors have provided the following corrections for Table 2; the corrected values (in billion of USD of welfare) are:

- For Japan—CY(BAU) = -38 (no -3B), for South America—TAX + CY = -18 (no -1B), for East Asia—TAX + CY = -18 (no -1B)
- For Malaysia and Indonesia—TAX + CY = -22 (no +22), for sub-Saharan Africa—TAX + CY = -50 (no -E0)

The original article has been corrected.

---

The original article can be found online at <https://doi.org/10.1007/s10640-019-00339-6>.

---

✉ Luis Moisés Peña-Lévano  
lpenalevano@ufl.edu

<sup>1</sup> Faculty of the Food and Resource Economics Department, University of Florida, 1200 N Park Rd, Office #104, Plant City, FL 33563, USA

<sup>2</sup> Department of Agricultural Economics, Purdue University, West Lafayette, USA

**Table 2** Changes in welfare (billions of USD) for the four scenarios

Region	Tax only	Tax subsidy	Tax + CY	TS + CY	$\Delta$ CY (4.5) <sup>a</sup>	CY(BAU)
USA	-116	-52	-125	-95	-10	-20
European Union	-1	11	-49	-162	-49	-234
Brazil	-15	-10	-13	-20	2	-3
Canada	-15	-8	-15	-11	0	1
Japan	8	4	3	-25	-5	-38
China	-194	-113	-195	-189	-1	-61
India	-32	-30	-69	-96	-37	-112
Central America	-53	-37	-58	-85	-5	-32
South America	-19	-18	-18	-31	1	-5
East Asia	-13	-7	-18	-25	-5	-19
Malaysia and Indonesia	-16	-12	-22	-29	-6	-28
South East Asia	-14	-7	-17	-14	-2	-12
South Asia	-8	-6	-13	-19	-4	-23
Russia	-61	-32	-67	-56	-7	-20
Other Central Europe	-47	-26	-54	-46	-8	-26
Other European countries	-9	-8	-11	-13	-1	-6
Middle East and N. Africa	-103	-71	-115	-115	-12	-53
Sub-Saharan Africa	-46	-33	-50	-70	-5	-35
Oceania	-6	-2	-5	-4	0	3
Global	-760	-457	-913	-1107	-154	-726

The current table shows the welfare loss for the three main scenarios in \$ of EV. Likewise, it shows the benefits and cost of mitigating crop yield losses comparing the additional impact of RCP 4.5 and the decrease in social welfare due to impacts under RCP 8.5

<sup>a</sup> $\Delta$ CY (4.5) is calculated as the difference between the Tax and TAX + CY scenarios

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.