# Climate Change 2007

## Impacts, Adaptation and Vulnerability

### The Working Group II contribution to the IPCC Fourth Assessment Report

Errata

Last updated 11 December 2012

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**Technical Summary**

1) Page 32. Figure TS.2. The four arrows running clockwise around the figure and placed alongside "Global integration", "Economic emphasis", "Regional emphasis", and "Environmental emphasis" should be removed.

2) Page 49. Column 1. Line 53. Delete "(Figure TS.11)".

3) Page 49. Column 2. Line 6. Insert "(Figure TS.11)" after "degradation".

4) Page 50. Australia and New Zealand. Line 4. Replace “0.3” with “0.4”.

5) Page 51. Line 21. Replace “1.5 million” with “1.6 million”.

6) Page 52. Column 1. Line 24. Replace “2070s” with “2080s”. Replace “the number of” with “the additional number of”.

7) Page 59. Box TS.6, Asia section. Delete fourth bullet.

**Chapter 1, Supplementary Material**

1) Page SM.1-4. Figure SM-1 is a replotting of the data used for the analysis of Muir Wood et al. (2006). These data combined temperature data from CRU (Climatic Research Unit, 2006) of the University of East Anglia, Norwich, with the disaster loss database compiled by and described in Muir Wood et al. (2006). Since Muir Wood et al. (2006) did not cite CRU, the figure caption should be modified to read:

> "Figure SM-1.1: Costs over time of normalized weather-related catastrophes compared with global temperatures. Data smoothed over ±4 years = 9 years until 2001. Based on the data set used in Muir Wood et al. (2006) and temperature data from CRU (2006)."

2) Page SM.1-12. Column 1. Line 27. Insert

"CRU, 2006: Temperature data. Climatic Research Unit, University of East Anglia, Norwich. www.cru.uea.ac.uk/cru/data/temperature/#scire"

**Chapter 2**

1) Page 147. Figure 2.5. The four arrows running clockwise around the figure and placed alongside "Global integration", "Economic emphasis", "Regional emphasis", and "Environmental emphasis" should be removed.

**Chapter 9**

1) P 448. Column 2. Lines 10-14. Delete the sentence beginning "Recent simulations based on the NCAR GCM..." and replace with "Recent preliminary simulations based on the NCAR GCM under a doubling of carbon dioxide indicate that the frequency of extreme wind and turbulence events could decrease by 50-60%, while mean turbulence will probably decline by 10% in the spawning grounds and increase by 3% in the main feeding grounds of anchovy (Clark et al., 2003)."

**Chapter 10**

1) Page 474. Table 10.1, line 40. Replace "Russia - E. of Urals" with "Russia".

2) Page 475. Table 10.2, lines 31-32 (Nepal entry). Replace "0.09°C per year in the Himalayas and 0.04°C in Terai region, more in winter" with "For 1977-94: 0.090°C per year in Trans-Himalaya and 0.057°C per year in the Himalaya, more in winter; 0.041°C per year in Terai region." Add "Shrestha et al., 1999" to References column.

3) Page 475. Table 10.2, lines 40-42 (Sri Lanka entry). Replace "0.016°C increase per year between 1961 to 90 over entire country, 2°C increase per year in central highlands" with "0.016°C increase per year between 1961 to 90 over entire country, with regional increases ranging from 0.008 to 0.025°C per year."

4) Page 485. Column 2. Line 20. Replace "Wilkinson, 2004" with "Wilkinson, 2000".

5) Page 493. Column 2. Line 22. Insert "part of" after "They form".

6) Page 493. Column 2. Line 23. Replace "the source" with "a source"

7) Page 493. Column 2. Line 25. Replace "about 12,000" with "several thousand"

8) Page 493. Column 2. Line 31. Delete "in the region".

9) Page 493. Column 2. Lines 32-43. Delete this text, through the first two words on line 43 and replace with "Many Himalayan glaciers are retreating (Karma et al., 2003; and see examples in Table 10.9).

10) Page 493. Column 2. Lines 44-52. Delete this text, beginning with the last two words on line 44, through the first word on line 52.

11) Page 494. Table 10.9. Line 2. Replace "135.2" with "23.5".

12) Page 494. Column 1. Figure 10.6 Caption. Replace "retracted" with "retreated"

13) Page 494. Column 1. Figure 10.6 Caption. Replace "courtesy of NASA EROS Data Center, 9 September 2001" with "Kargel et al., 2005"

14) Page 500. Column 1. Lines 60-63. Delete the reference: Hasnain, 2002.

15) Page 501. Column 2. Line 3. Insert

"Kargel, J.S., M.J. Abrams, M.P. Bishop, A. Bush, G. Hamilton, H. Jiskoot, A. Kääb, H.H. Kieffer, E.M. Lee, F. Paul, F. Rau, B. Raup, J.F. Shroder, D. Soltesz, D. Stainforth, L. Stearns and R. Wessels, 2005: Multispectral imaging contributions to global land ice measurements from space. *Remote Sens. Environ.,* **99**, 187–219.

Karma, Y. Ageta, N. Naito, S. Iwata, and H. Yubuki, 2003: Glacier distribution in the Himalayas and glacier shrinkage from 1963 to 1993 in the Bhutan Himalayas. *Bull. Glaciol. Res.*, **20**, 29-40."

16) Page 504. Add "Shrestha, A.B., C.P. Wake, P.A. Mayewski and J.E. Dibb, 1999: Maximum temperature trends in the Himalaya and its vicinity: an analysis based on temperature records from Nepal for the period 1971–94. *J. Clim.*, **12**, 2775-2786."

**Chapter 11**

1) Page 510. Section 11.2.1. Line 16. Delete "1855" and replace with "1900".

2) Page 518. Table 11.6. Lines 1-2. Replace "Berkelmans et al., 2004; Crimp et al., 2004" with "Sheehan et al., 2006".

3) Page 518. Table 11.6. Line 4. Replace "Jones, 2004b" with "Sheehan et al., 2006".

4) Page 521. Section 11.4.7. Lines 12-13. Delete "Coleman et al., 2004" and replace with "Coleman 2002"

5) Page 533. Column 1: Delete lines 7-10, the reference to "Coleman et al. 2004" and replace with "Coleman, T. (2002). The impact of climate change on insurance against catastrophes. Insurance Australia Group, Sydney, 13 pp."

6) Page 538. Column 2. Line 27. Insert "Sheehan, P., Jones, R., Jolley, A., Preston, B.L., Clark, M., Durack, P.J., Islam, S., Sun, F. and Whetton, P.H. (2006). Climate Change and the Global Knowledge Economy: An Immediate Challenge. CSES Climate Change Working Paper No. 11. Victoria University Centre for Strategic Economic Studies, Melbourne, 35 pp.
http://www.cfses.com/documents/climate/11_Sheehan_Jones_et_al_Climate_Change"

**Chapter 12**

1) Page 543. Column 2. Lines 5-6. Replace "2070s" with "2080s" on both lines.

2) Page 543. Column 2. Line 50. Replace "12.5.7" with "12.4.7; 12.5.5".

3) Page 544. Column 1. Line 7. Replace "high confidence" with "very high confidence".

4) Page 547. Section 12.2.3. Line 19. Delete "because" and replace with "; about".

5) Page 547. Section 12.2.3. Line 20. Delete "below sea level" and replace with "at risk of flooding".

6) Page 555. Lines 17-18. Replace “(e.g., legumes -30 to + 5%; sunflower -12 to +3% and tuber crops -14 to +7% by 2050)” with “(e.g., legumes -14 to +1%; sunflower -12 to +1% and tuber crops -9 to +8% by 2050)”.

**Chapter 13**

1) Page 598. Table 13.6 caption. Delete current caption and replace with “Numbers of people living in water-stressed watersheds in Latin America in 2025 and 2055 (millions), and the net number of people exposed to an increase in water resources stress due to climate change (Arnell, 2004).”

2) Page 598. Table 13.6 column headings. Columns 4 and 6. Delete “With climate change (2)” and replace with “Net number of people exposed to increase in water resources stress (2)”.

3) Page 598. Table 13.6 footnotes. Delete current footnotes and replace with “(1) Number of people living in water-stressed watersheds in the absence of climate change (Arnell (2004), Table 7); (2) Number of people exposed to an increase in water resources stress due to climate change, minus number of people with a decrease in water resources stress due to climate change (Arnell (2004), Tables 11 and 12).”

4) Page 598. Column 2. Line 6. Delete “(Vasquez, 2004)” and replace with “(UNMSM, 2004)”.

5) Page 598. Column 2. Line 12. Delete “(UNMSM, 2004)” and replace with “(Vasquez, 2004)”.

**Chapter 14**

1) Page 631. Section 14.4.4. Column 2. *Forestry*. Line 9. Delete “2004” and replace with “2005”

2) Page 644. Column 1. Line 19. Delete “2004” and replace with “2005”.

**Chapter 16**

1) Page 697. Column 1. Lines 29-30. Replace “World Bank, 2000” with “Falkland, 1999”.

2) Page 713. Line 47. Insert “Falkland, A., 1999: Impacts of climate change on water resources of Pacific islands. PACCLIM 19 Workshop, Modelling the Effects of Climate Change and Sea Level Rise in Pacific Island 20 Countries. Auckland, New Zealand, 33pp.”