Reviewer's report

Title: Leptospirosis in the Asia Pacific Region

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Reviewer: Mathieu Picardeau

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This manuscript by Victoriano et al. is a large survey of the current situation of leptospirosis in the Asia Pacific region.

Major comments:

p.3 « The spectrum... » & p.8 « III. Prevention and control » : authors should emphasize that leptospirosis can be misdiagnosed, due to its wide spectrum of symptoms mimicking the clinical signs of many other diseases, including dengue fever and malaria.

p. 4, The Institut Pasteur of Nouméa is (to my knowledge) not a WHO Collaborating Center.

p. 8 « III. Prevention and control » : the authors should also mention the poor sensitivity of the standard diagnostic tests.

A map of the region showing aeras of low- or high- endemicity (where the epidemiological data were most reliable) would be informative. Alternatively, a Table summarizing the reported/estimated number of cases (including the more prevalent serovars /srogroups when possible) / countries would be helpful.

The epidemiological data appears to be imprecise : for example, authors should indicate data for 2008 in Australia. In New Caledonia, the reported number of cases over the last 10 years are not indicated. In Futuna Island, a high alert status has been declared these last years.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.