CWTS Press Release Leiden Ranking 2013

China increases scientific impact

The US is still the dominant player in the scientific world. Just like previous years, MIT is the university which has the highest citation impact of its publications in the world. The top 100 list consists of universities from thirteen countries. However, new centres of science are emerging in the CWTS Leiden Ranking 2013. These newcomers are for example located in China (37, six newcomers), Iran (five newcomers) and Brazil (10, two newcomers).

Universities outside the US and Europe are becoming serious players in the field, not only in number of publications but also in scientific impact. For the first time two Chinese universities Nankai (rank 53) and Hunan (rank 55) overtake the best – in terms of impact – universities in the Netherlands (Leiden, rank 58). These are some findings of the new CWTS Leiden Ranking 2013 which has been published on the website http://www.leidenranking.com.

The CWTS Leiden Ranking 2013 measures the scientific performance of 500 major universities worldwide. Using a sophisticated set of bibliometric indicators, the ranking aims to provide highly accurate measurements of the scientific impact of universities and of universities' involvement in scientific collaboration.

University – industry collaboration

For the first time, the Leiden Ranking 2013 also provides information on collaboration between universities and industry. This indicator measures which share of the publications of a university are produced in collaboration with companies. Eindhoven Technical University (Netherlands) is the university which publishes most intensely in collaboration with companies. No less than 15.6% of its publications contain a business address. Delft University and Chalmers University of Technology (Sweden) share the second place with 14%. To compare: Harvard University (US), the world's largest research university, clocks a score of 7.6%. More information on the collaboration between universities and industry is available in the *University-Industry Research Connections 2013* scoreboard, which has been published together with the new Leiden Ranking, http://www.socialsciences.leidenuniv.nl/cwts/research/uirc-scoreboard-2013.html

Improvements and new features of Leiden Ranking 2013

The CWTS Leiden Ranking 2013 includes a number of other improvements and new features. In particular, the data collection methodology of the ranking has been extensively revised. The current database also allows users to make field specific rankings by selecting one of five broad fields: biomedical and health sciences; life and earth sciences; mathematics and computer sciences; natural sciences and engineering; or social science & humanities. In addition, the ranking gives the possibility to exclude publications in special types of journals, such as, non-international journals, trade journals, and popular magazines. These journals play a different role from scientific journals.

Differences with other University Rankings

Compared with other university rankings, the CTWS Leiden Ranking offers more advanced indicators of scientific impact and collaboration and uses a more transparent methodology. The ranking does not rely on highly subjective data obtained from reputational surveys or on data provided by universities themselves. Also, the CWTS Leiden Ranking refrains from aggregating different dimensions of university performance into a single overall indicator.

More information about the ranking results and the methodology of the CWTS Leiden Ranking 2013: **http://www.leidenranking.com.**

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