A short summary of IUCr Journals and Open Access aspects for an ICSU meeting Sept 25th 2013

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IUCr publishes 8, soon to be 9, titles; namely Acta Cryst, J Appl Cryst and JSR as well as, from January, IUCrJ . We offer all articles as gold open access to readers in Acta E and IUCrJ and with APC fees for authors as low as is practicable (per article 165$ for ActaE and 1000$ for IUCrJ). IUCrJ is a wide interest high impact journal especially suited to the concept and vision of access by any reader, including members of the public obviously. The other titles offer hybrid OA and subscription payment options, where there are gold OA individual articles and the rest of the articles are fully Green OA compliant. They are in any case specialised researcher journals ie for structural chemists, biologists, genomicists and condensed matter physicists, and we of course cover foundations of crystallography. These more specialist interest titles are perhaps less pressing to make all articles be Gold OA, which is to the benefit of authors in the sense that there are no compulsory APCs, and whereby having all articles be Gold OA is, arguably, less of an imperative. Overall we offer the fully funded and the unfunded researcher, whether early career or mature career, whether from the developed world or the developing world, free for author options and free for reader options. Thus crystallographic science is brought to the widest possible, global, range of research communities for the good of science and for society at large. We do not offer a service for eprints but that has been actively discussed within IUCr and opinion subsequently canvassed amongst Crystallographers suggests no noticeable demand at present; we are monitoring the situation carefully though and in any case immediately can see that arXiv caters for some of our cognate researchers eg physics and quantitative biology. Regarding access to data all our titles require derived and processed data to accompany articles either through databases such as the PDB for biology or via article supplementary materials, which are available electronically from our website for each article, notably in structural chemistry. We are carefully considering a possible policy re the need for access to raw diffraction data per each article we publish as the means for storage long term of these data has become technically feasible and cheaper. Finally, in addition, we mention that IUCr is a formal member of ICSTI and of CODATA and JRH is also taking part in a Research Data Alliance Working Group.

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