

Hist. Geo Space. Sci. Discuss., referee comment RC2  
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## **Comment on hgss-2022-5**

Adrian Hitchman (Referee)

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Referee comment on "History of Kakioka Magnetic Observatory" by Ikuko Fujii and Shingo Nagamachi, Hist. Geo Space. Sci. Discuss., <https://doi.org/10.5194/hgss-2022-5-RC2>, 2022

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Title: History of Kakioka Magnetic Observatory

Author(s): Ikuko Fujii and Shingo Nagamachi MS No.: hgss-2022-5 MS type: Article  
Special issue: History of geophysical institutes and observatories

### General comments

This manuscript is a comprehensive review of the history of the Kakioka Magnetic Observatory, from its roots in the 19<sup>th</sup> century until the present day. The authors have used a range of information sources to compile this history, presenting it in a logical series of sections that describe key events and people during different phases of KMO's operation. The text is clear and understandable though may benefit from some minor polishing to enhance its readability. I believe that the manuscript is a valuable contribution to the capturing of geomagnetic history in Japan, and that this special issue is a suitable place for its publication.

### Technical corrections

While I am unable to record in detail the numerous minor edits that would polish the text, I do recommend the following more significant amendments:

In different places in the text, replace

- "manned" with "staffed" and "unmanned" with "unstaffed" to use gender neutral text where possible
- "head quarter" and "headquarter" with "headquarters"
- "cupper" with "copper"
- "alternative current" with "alternating current"

Then, on

page 1, line 3: does the Meteorological College postcode have some numbers missing? – "270-???"

p 1, l 25: correct the spelling of "Kanoya"

p 2, l 9: replace "war load" with "warlord"

p 8, l 1: replace "dart-covered" with "dirt-covered" (I think)

p 18, l 6: replace "Verlin" with "Berlin"

p 22, l 8: replace "consigned" with "assigned"

p 26, l 4: replace "electorode" with "electrode"

p 31, l 10: replace "function" with "operate"

p 45, l 1: change the Section number from "8" to "9", and then add 1 to all later Section numbers

p 54, l 1: "booming economy" is more commonly used (although "blooming economy" works too)

p 57, l 2: replace "island" with "Island"