Critique article submitted

**Single article criticised**

- Critique refers to article published in a non-IUCr journal. Refer critique authors back to original journal
- Co-editor reports to Main Editor and Managing Editor, reassign if appropriate
- Inform authors of IUCr procedure and discuss possible outcomes

**Authors willing for editor to contact original authors?**

- YES
  - Possible outcomes:
    1. Nothing – resolution by discussion between the parties
    2. Corrigendum – original authors write corrigendum, agreed by both parties
    3. Critique article and response written, review in tandem by same referees*
    4. Critique article only, follow usual peer review procedure*
    5. *Ensure careful choice of experienced and neutral referees
  - Critique article peer-reviewed as usual, with careful choice of experienced and neutral referees. Prior to publication, accepted version of critique sent to original authors for their response
  - Ideally, critique and response published as consecutive articles in the same issue of the journal. This means delaying publication of the critique article until the response has been received and reviewed

- NO
  - Possible outcomes:
    1. Nothing – resolution by discussion between the parties
  - Critique article peer-reviewed as usual, with careful choice of experienced and neutral referees. Prior to publication, accepted version of critique sent to original authors for their response
  - Ideally, critique and response(s) published as consecutive articles in the same issue of the journal. This means delaying publication of the critique article until the response(s) have been received and reviewed

**Multiple articles criticised**

- Critique refers to articles published in an IUCr journal
- Co-editor reports to Main Editors and Managing Editor, reassign if appropriate*
- Inform authors of IUCr procedure and discuss possible outcomes

**Authors willing for editor to contact original authors?**

- YES
  - Possible outcomes:
    1. Nothing – resolution by discussion between the parties
    2. Corrigendum – for an IUCr journal original authors write corrigendum, agreed by both parties
    3. Multiple responses and critique article reviewed together by same referees*
    4. Combined response from multiple authors and critique article reviewed together by same referees*
    5. Critique article only, follow usual peer review procedure*
    6. Some combination of the above
    7. *Ensure careful choice of experienced and neutral referees
  - Ideally, critique and response(s) published as consecutive articles in the same issue of the journal. This means delaying publication of the critique article until the response(s) have been received and reviewed

- NO
  - Possible outcomes:
    1. Nothing – resolution by discussion between the parties
  - Critique article peer-reviewed as usual, with careful choice of experienced and neutral referees. Prior to publication, accepted version of critique sent to criticised authors for their responses. Depending on the nature of the criticism, there may be multiple responses and/or a combined response

*Main Editors also agree which of the criticised authors need to be contacted

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**Flowchart for critique articles**