

ReviewForm3

JournalName:	InternationalJournalof EnvironmentandClimateChange
ManuscriptNumber:	Ms_IJECC_124339
TitleoftheManuscript:	ALLELOPATHICPOTENTIALOFMEDICINALPLANTS–ASOURCEFORSUSTAINABLEWEEDMANAGEMENT
Typeofthe Article	ReviewArticle

PART1: ReviewComments

Compulsory REVISIONcomments	Reviewer'scomment	Author'sFeedback(Pleasecorrectthemanuscriptandhighlightthatpart inthemanuscript.Itis mandatorythatauthorsshouldwritehis/herfeedback here)
Pleasewriteafewsentencesregardingthe importance ofthismanuscriptfor thescientificcommunity.Whydo youlike(ordislike)thismanuscript?Aminimumof3-4 sentencesmayberequiredforthispart.	Thepresentmanuscript isveryinteresting becauseithelpstocreateageneralviewabouttheallelopathic potentialofmedicinalplantsandalsohelpstoidentifyfutureresearchareasforweedmanagement in organicfarmingwith thehelpofallelochemicals, knowingthatweedsareconsideredas themostimportant deleteriouspest,andtheyrankfirstincausingyieldlossfrom33-55percentinthecropproduction. Furthermore, literaturedatashowthatallelopathicpotentialandallelochemicalsaretheinnovativeand novelsolutionsforsustainableweedmanagementpracticeseitherdirectlyorindirectly.	
Isthetitleofthearticlesuitable? (Ifnotpleasesuggestanalternativetitle)	Yes,thetitleof theabstractissuitable.	
Istheabstractof thearticlecomprehensive?Doyou suggesttheaddition(ordelation)of somepointsinthis section?Pleasewriteyoursuggestionshere.	Theabstractof thearticle iscomprehensive.	
Aresubsectionsandstructureofthemanuscript appropriate?	Thesubsectionsandstructureofthemanuscriptareappropriate (AllelopathyandAllelochemicals;Scope forutilizationofallelochemicalsinweedmanagement;Allelopathicpotentialofmedicinalplantsandherbs inweedmanagement;Limitationsof usingallelochemicalsandnaturalherbicides).	
Pleasewriteafewsentencesregardingthescientific correctnessofthismanuscript.Whydoyou thinkthat thismanuscriptisscientificallly sound?Aminimumof3-4sentencesmayberequired forthispart.	The textisclearandeasytoread.Thedatapresentedareveryinteresting. Themedicinalplantsare capableofproducingseveralsecondary metaboliteswithallelopathicpotentialandthesesecondary metabolitescanbe utilizedaspotentsourcefor sustainableweed managementasallelochemicals, but more studiesareneededonphysiologychanges, modeofaction, andbioassayoftargeted plantsbyusing allelochemicals.	
Arethereferencesufficientandrecent?Ifyouhave suggestionsof additionalreferences,pleasemention theminthereviewform.	The listofreferencesislargeandrelativelyrecently.	
Minor REVISIONcomments Isthelanguage/Englishqualityofthearticlesuitable forscholarlycommunications?	TheEnglishqualityofthearticlesuitableforscholarlycommunications.	

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Optional/Generalcomments

Attentionatthereferencelist.Somenamesof speciesare notitalic.Pleasetocorrect.

Examples:

22. Dadkhah,A.J.A.A.S.,SectionB–
Soil,&Science,P.(2013).Phytotoxicpotentialofsugarbeet(**Betavulgaris**)andeucalyptus(**Eucalyptus
camaldulensis**)tocontrolpurslane(**Portulacaoleracea**)weed.63(1),
46-51.<https://doi.org/10.1080/09064710.2012.711354>

23.Daneshmandi,M.S., Azizi, M.J. I. J.o.
M.,&Research,A.P.(2009).Allelopathiceffectof**Eucalyptusglobulus**Labill.onbermudagrass(**Cynod
ondactylon**(L.)Pers.)germination andrhizomegrowth.25(3),
333-346.<https://doi.org/10.22092/ijmapr.2009.7148>

32.El-Rokiek, K.,&Eid,R.J.P.d.(2009).Allelopathiceffectsof**Eucalyptuscitriodora**onamaryllisand

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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