# DATABASE SEARCH CRTIERIA FOR LITERATURE REVIEW

# CAB/Web of Science search criteria

(TS = (“Food security” or poverty or “yield” or productiv\* or profit\* or efficien\* or “income\*” or “market power” or net-return\* or return\* or outcome\* or impact or inclusi\* or empower\* or risk\* or exclusi\* or fairness or justness or perception\* or “decision-making” or “decision making” or voice or environment\* or biodiversity or deforestation or ((degradation or clearing or grab\* or concentration) NEAR/2 land) or wage\* or employment)

AND

TS = (Contract\* or “nucleus estate\*” or cooperative\* or collective\* or “producer\* association\*” or (pre-harvest NEAR/2 (agreement\* or sales)) or “value chain\*” or farm-firm\* or outgrow\* or (vertical NEAR/3 (integration or coordination or linkage\*)))

AND

TS = (smallhold\* or “small hold\*” or small-hold\* or ((small-scale or “small scale”) near/3 producer\*) or outgrower\* or sharecrop\* or “small farmer\*” or “small grower\*” or granier or sharecropper or (farm\* or rural or agriculture\* or grazi\* or pastoral) adj household\*)

AND

TS = (Afghanistan OR Angola OR “American Samoa” OR Argentina OR Armenia OR Armenian OR Azerbaijan OR Bangladesh OR Belize OR Benin OR Bolivia OR Botswana OR Brazil OR Burkina Faso OR “Burkina Fasso” OR Burundi OR ulundi OR Cambodia OR Cameroon OR Cameroons OR Cameron OR cameroons OR “Central African Republic” OR Chad OR China OR Colombia OR Comoros OR “Comoro Islands” OR Comores OR Congo OR Costa Rica OR Cuba OR Zaire OR “Cote d'Ivoire” OR “Ivory Coast” OR Djibouti OR Dominica\* OR “East Timor” OR “East Timur” OR “Timor Leste” OR Ecuador OR Egypt OR “United Arab Republic” OR “El Salvador” OR Eritrea OR Ethiopia OR Fiji OR Gabon OR Gambia OR Gaza OR Ghana OR Grenada OR Guatemala OR Guinea OR Guiana OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Kazakhstan OR Kenya OR Kiribati OR Korea OR Kyrgyzstan OR Kirghizia OR “Kyrgyz Republic” OR Kirghiz OR kirghizstan OR “Lao PDR” OR Laos OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR “Malagasy Republic” OR Malawi OR Malaysia OR Maldives OR “Marshall Islands” OR Mali OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Mongolia OR Morocco OR Mozambique OR Myanmar OR myanmar OR Burma OR Namibia OR Nepal OR Nicaragua OR Niger OR Nigeria OR Pakistan OR Palau OR Palestine OR Panama OR Papua OR Paraguay OR Peru OR Philippines OR philippines OR philippines OR philippines OR Rwanda OR Ruanda OR Samoa OR “Samoan Islands” OR “Sao Tome” OR Senegal OR Seychelles OR Sierra Leone OR “Sri Lanka” OR “Solomon Islands” OR Somalia OR “South Africa” OR “St Lucia” OR “St Vincent” OR Grenadines OR Sudan OR Suriname OR Swaziland OR Eswatini OR Syria OR Tajikistan OR Tadzhikistan OR Tadjikistan OR tadzhika OR Tanzania OR Thailand OR Tonga OR Togo OR “Togolese Republic” OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Uzbek OR Vanuatu OR Venezuela OR Vietnam OR “Viet Nam” OR Yemen OR Zambia OR Zimbabwe))

AND

DT=(Article)

AND

Timespan: 2003-01-01 to 2023-05-03 (Publication Date)

# Scopus search criteria

TITLE-ABS-KEY ( ( "Food security" OR poverty OR yield OR productiv\* OR profit\* OR efficien\* OR income\* OR "market power" OR net-return\* OR return\* OR outcome\* OR impact OR inclusi\* OR empower\* OR risk\* OR exclusi\* OR fairness OR justness OR perception\* OR "decision-making" OR "decision making" OR voice OR environment\* OR biodiversity OR deforestation OR ( ( degradation OR clearing OR grab\* OR concentration ) W/2 land ) OR wage\* OR employment ) )

AND

TITLE-ABS-KEY ( ( contract\* OR "nucleus estate\*" OR cooperative\* OR collective\* OR "producer\* association\*" OR ( pre-harvest W/2 ( agreement\* OR sales ) ) OR "value chain\*" OR farm-firm\* OR outgrow\* OR ( vertical W/3 ( integration OR coordination OR linkage\* ) ) ) )

AND

TITLE-ABS-KEY ( ( smallhold\* OR "small hold\*" OR small-hold\* OR ( ( small-scale OR "small scale" ) W/3 producer\* ) OR outgrower\* OR sharecrop\* OR "small farmer\*" OR "small grower\*" OR grazier OR sharecropper OR ( ( farm\* OR rural OR agriculture\* OR grazi\* OR pastoral ) W/1 household\* ) ) )

AND

ALL ( ( afghanistan OR angola OR "American Samoa" OR argentina OR armenia OR armenian OR azerbaijan OR bangladesh OR belize OR benin OR bolivia OR botswana OR brazil OR burkina AND faso OR "Burkina Fasso" OR burundi OR urundi OR cambodia OR cameroon OR cameroons OR cameron OR camerons OR "Central African Republic" OR chad OR china OR colombia OR comoros OR "Comoro Islands" OR comores OR congo OR costa AND rica OR cuba OR zaire OR "Cote d'Ivoire" OR "Ivory Coast" OR djibouti OR dominica\* OR "East Timor" OR "East Timur" OR "Timor Leste" OR ecuador OR egypt OR "United Arab Republic" OR "El Salvador" OR eritrea OR ethiopia OR fiji OR gabon OR gambia OR gaza OR ghana OR grenada OR guatemala OR guinea OR guiana OR guyana OR haiti OR honduras OR india OR indonesia OR iran OR iraq OR kazakhstan OR kenya OR kiribati OR korea OR kyrgyzstan OR kirghizia OR "Kyrgyz Republic" OR kirghiz OR kirgizstan OR "Lao PDR" OR laos OR lebanon OR lesotho OR liberia OR libya OR madagascar OR "Malagasy Republic" OR malawi OR malaysia OR maldives OR "Marshall Islands" OR mali OR mauritania OR mauritius OR mexico OR micronesia OR mongolia OR morocco OR mozambique OR myanmar OR myanma OR burma OR namibia OR nepal OR nicaragua OR niger OR nigeria OR pakistan OR palau OR palestine OR panama OR papua OR paraguay OR peru OR philippines OR philipines OR phillipines OR phillippines OR rwanda OR ruanda OR samoa OR "Samoan Islands" OR "Sao Tome" OR senegal OR seychelles OR sierra AND leone OR "Sri Lanka" OR "Solomon Islands" OR somalia OR "South Africa" OR "St Lucia" OR "St Vincent" OR grenadines OR sudan OR suriname OR swaziland OR eswatini OR syria OR tajikistan OR tadzhikistan OR tadjikistan OR tadzhik OR tanzania OR thailand OR tonga OR togo OR "Togolese Republic" OR tunisia OR turkey OR turkmenistan OR tuvalu OR uganda OR ukraine OR uzbekistan OR uzbek OR vanuatu OR venezuela OR vietnam OR "Viet Nam" OR yemen OR zambia OR zimbabwe ) )

**+ DATE criteria**

# ProQuest Search criteria

noft(("Food security" OR poverty OR "yield" OR productiv\* OR profit\* OR efficien\* OR "income\*" OR "market power" OR net-return\* OR return\* OR outcome\* OR impact OR inclusi\* OR empower\* OR risk\* OR exclusi\* OR fairness OR justness OR perception\* OR "decision-making" OR "decision making" OR voice OR environment\* OR biodiversity OR deforestation OR ((degradation OR clearing OR grab\* OR concentration) NEAR/2 land) OR wage\* OR employment))

AND

noft((Contract\* OR "nucleus estate\*" OR cooperative\* OR collective\* OR "producer\* association\*" OR (pre-harvest NEAR/2 (agreement\* OR sales)) OR "value chain\*" OR farm-firm\* OR outgrow\* OR (vertical NEAR/3 (integration OR coordination OR linkage\*))))

AND

noft((smallhold\* OR "small hold\*" OR small-hold\* OR ((small-scale OR "small scale") NEAR/3 producer\*) OR outgrower\* OR sharecrop\* OR "small farmer\*" OR "small grower\*" OR grazier OR sharecropper OR (farm\* OR rural OR agriculture\* OR grazi\* OR pastoral) adj household\*))

AND

noft((Afghanistan OR Angola OR "American Samoa" OR Argentina OR Armenia OR Armenian OR Azerbaijan OR Bangladesh OR Belize OR Benin OR Bolivia OR Botswana OR Brazil OR Burkina Faso OR "Burkina Fasso" OR Burundi OR Urundi OR Cambodia OR Cameroon OR Cameroons OR Cameron OR Camerons OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Comoro Islands" OR Comores OR Congo OR Costa Rica OR Cuba OR Zaire OR "Cote d'Ivoire" OR "Ivory Coast" OR Djibouti OR Dominica\* OR "East Timor" OR "East Timur" OR "Timor Leste" OR Ecuador OR Egypt OR "United Arab Republic" OR "El Salvador" OR Eritrea OR Ethiopia OR Fiji OR Gabon OR Gambia OR Gaza OR Ghana OR Grenada OR Guatemala OR Guinea OR Guiana OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Kazakhstan OR Kenya OR Kiribati OR Korea OR Kyrgyzstan OR Kirghizia OR "Kyrgyz Republic" OR Kirghiz OR Kirgizstan OR "Lao PDR" OR Laos OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR "Malagasy Republic" OR Malawi OR Malaysia OR Maldives OR "Marshall Islands" OR Mali OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Mongolia OR Morocco OR Mozambique OR Myanmar OR Myanma OR Burma OR Namibia OR Nepal OR Nicaragua OR Niger OR Nigeria OR Pakistan OR Palau OR Palestine OR Panama OR Papua OR Paraguay OR Peru OR Philippines OR Philipines OR Phillipines OR Phillippines OR Rwanda OR Ruanda OR Samoa OR "Samoan Islands" OR "Sao Tome" OR Senegal OR Seychelles OR Sierra Leone OR "Sri Lanka" OR "Solomon Islands" OR Somalia OR "South Africa" OR "St Lucia" OR "St Vincent" OR Grenadines OR Sudan OR Suriname OR Swaziland OR Eswatini OR Syria OR Tajikistan OR Tadzhikistan OR Tadjikistan OR Tadzhik OR Tanzania OR Thailand OR Tonga OR Togo OR "Togolese Republic" OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Uzbek OR Vanuatu OR Venezuela OR Vietnam OR "Viet Nam" OR Yemen OR Zambia OR Zimbabwe))

**+ DATE criteria**

**+ journal article criteria**

# ECONLIT database (Ebscohost)

(AB (("Food security" OR poverty OR "yield" OR productiv\* OR profit\* OR efficien\* OR "income\*" OR "market power" OR net-return\* OR return\* OR outcome\* OR impact OR inclusi\* OR empower\* OR risk\* OR exclusi\* OR fairness OR justness OR perception\* OR "decision-making" OR "decision making" OR voice OR environment\* OR biodiversity OR deforestation OR ((degradation OR clearing OR grab\* OR concentration) n2 land) OR wage\* OR employment))

OR

TI (("Food security" OR poverty OR "yield" OR productiv\* OR profit\* OR efficien\* OR "income\*" OR "market power" OR net-return\* OR return\* OR outcome\* OR impact OR inclusi\* OR empower\* OR risk\* OR exclusi\* OR fairness OR justness OR perception\* OR "decision-making" OR "decision making" OR voice OR environment\* OR biodiversity OR deforestation OR ((degradation OR clearing OR grab\* OR concentration) n2 land) OR wage\* OR employment)))

AND

(AB ((Contract\* OR "nucleus estate\*" OR cooperative\* OR collective\* OR "producer\* association\*" OR (pre-harvest n2 (agreement\* OR sales)) OR "value chain\*" OR farm-firm\* OR outgrow\* OR (vertical n3 (integration OR coordination OR linkage\*))))

OR

TI ((Contract\* OR "nucleus estate\*" OR cooperative\* OR collective\* OR "producer\* association\*" OR (pre-harvest n2 (agreement\* OR sales)) OR "value chain\*" OR farm-firm\* OR outgrow\* OR (vertical n3 (integration OR coordination OR linkage\*)))) )

AND

(AB ((smallhold\* OR "small hold\*" OR small-hold\* OR ((small-scale OR "small scale") n3 producer\*) OR outgrower\* OR sharecrop\* OR "small farmer\*" OR "small grower\*" OR grazier OR sharecropper OR (farm\* OR rural OR agriculture\* OR grazi\* OR pastoral) n1 household\*))

OR TI ((smallhold\* OR "small hold\*" OR small-hold\* OR ((small-scale OR "small scale") n3 producer\*) OR outgrower\* OR sharecrop\* OR "small farmer\*" OR "small grower\*" OR grazier OR sharecropper OR (farm\* OR rural OR agriculture\* OR grazi\* OR pastoral) n1 household\*)))

AND

(AB ((Afghanistan OR Angola OR "American Samoa" OR Argentina OR Armenia OR Armenian OR Azerbaijan OR Bangladesh OR Belize OR Benin OR Bolivia OR Botswana OR Brazil OR Burkina Faso OR "Burkina Fasso" OR Burundi OR Urundi OR Cambodia OR Cameroon OR Cameroons OR Cameron OR Camerons OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Comoro Islands" OR Comores OR Congo OR Costa Rica OR Cuba OR Zaire OR "Cote d'Ivoire" OR "Ivory Coast" OR Djibouti OR Dominica\* OR "East Timor" OR "East Timur" OR "Timor Leste" OR Ecuador OR Egypt OR "United Arab Republic" OR "El Salvador" OR Eritrea OR Ethiopia OR Fiji OR Gabon OR Gambia OR Gaza OR Ghana OR Grenada OR Guatemala OR Guinea OR Guiana OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Kazakhstan OR Kenya OR Kiribati OR Korea OR Kyrgyzstan OR Kirghizia OR "Kyrgyz Republic" OR Kirghiz OR Kirgizstan OR "Lao PDR" OR Laos OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR "Malagasy Republic" OR Malawi OR Malaysia OR Maldives OR "Marshall Islands" OR Mali OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Mongolia OR Morocco OR Mozambique OR Myanmar OR Myanma OR Burma OR Namibia OR Nepal OR Nicaragua OR Niger OR Nigeria OR Pakistan OR Palau OR Palestine OR Panama OR Papua OR Paraguay OR Peru OR Philippines OR Philipines OR Phillipines OR Phillippines OR Rwanda OR Ruanda OR Samoa OR "Samoan Islands" OR "Sao Tome" OR Senegal OR Seychelles OR Sierra Leone OR "Sri Lanka" OR "Solomon Islands" OR Somalia OR "South Africa" OR "St Lucia" OR "St Vincent" OR Grenadines OR Sudan OR Suriname OR Swaziland OR Eswatini OR Syria OR Tajikistan OR Tadzhikistan OR Tadjikistan OR Tadzhik OR Tanzania OR Thailand OR Tonga OR Togo OR "Togolese Republic" OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Uzbek OR Vanuatu OR Venezuela OR Vietnam OR "Viet Nam" OR Yemen OR Zambia OR Zimbabwe))

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**+ DATE criteria**

**+ journal article criteria**