C-1 Future Earthの研究領域

大分類（c10）	中分類（c20）	小分類（c100）	ターム	ターム数
C10-1 地球観測	C20-1 土地被覆	1	land, cover, accuracy, map, image, classification, class, landsat, mapping, imagery, classifier, TM	12
	C20-2 地球観測システム	2	system, earth, space, mission, technology, capability, requirement, processing, NASA, platform	10
		3	observation, measurement, satellite, sensor, network, instrument, monitoring, situ, spectrometer	9
		4	datum, method, use, approach, paper, information, assessment, set, application, data, technique, tool	12
		5	resolution, km, datasets, dataset, grid, methodology, coverage, integration, high-resolution, statistic, interest, detail, place, downscaling	14
		6	product, lai, ground, validation, station, reference, correction, user, access, protocol	10
	C20-3 地球観測装置	7	MODIS, imaging, spectroradiometer, moderate, terra	5
		8	radiometer, AVHRR, high, advanced, NOAA	5
		9	reflectance, angle, view, BRDF, geometry	5
		10	algorithm, retrieval, microwave, LST, emissivity, infrared, brightness, imager	8
		11	detection, pixel, calibration, threshold, channel, radiance, scene	7
C10-2 健康	C20-4 健康	12	age, outcome, infant, intervention, weight, birth, week	7
		13	child, health, family, care, parent, school	6
		14	factor, environment, group, problem, risk, month, objective, behavior, conclusion, background, score, attention, mother, exposure, difficulty, home, symptom	17
C10-3 生態系	C20-5 生態系	15	ecosystem, service, biodiversity, conservation	4
		16	production, management, resource, potential, strategy, world, capacity, country, practice, adaptation, agriculture, food, benefit, cost, planning, vulnerability, mitigation, sequestration, acquisition, option	20
		17	process, role, dynamics, interaction, mechanism, importance, understanding, evidence, finding, implication, relation, consequence, hypothesis, association, driver, question, insight, link, ecology, functioning, effectiveness	21
		18	concept, sustainability, japan, transformation, resilience, definition, agency, dimension, society, organization, university, people, standard, meteorological	14
		19	research, development, framework, policy, knowledge, program, need, issue, science, challenge, way, context, effort, review, article, literature, decision, governance, gap, goal, focus, opportunity, implementation, perspective, action, consideration, advance, concern, progress, emphasis, section, scientist, discussion, overview, initiative, researcher	36
C10-4 排出	C20-6 排出	20	ozone, troposphere, column, chemistry, stratosphere	5
		21	fire, co, plume, O-3, smoke, enhancement, campaign, aircraft, wildfire, flight, ppbv	11
		22	deposition, BC, compound, isoprene, sulfate, reaction, acid, removal, nitrate, lifetime, SO2	11
		23	concentration, ratio, mass, mu, OC, PM2.5, EC	7
		24	fuel, combustion, consumption	3
		25	emission, biomass, source, air, transport, burning, contribution, inventory, chemical, pollution, tracer, NOx, pollutant, episode	14
C10-5 インド太平洋	C20-7 インド太平洋	26	el, nino, la, nina	4
		27	ocean, pacific, anomaly, SST, enso, oscillation, indian, nino-southern	8
C10-6 気候変動	C20-8 気候変動	28	study, result, region, precipitation, analysis, year, variability, variation, period, scale, pattern, season, relationship	13
		29	vegetation, time, index, series, NDVI	5
		30	report, IPCC, panel	3
		31	change, climate, increase, impact, scenario, decrease, projection, reduction	8

大分類（C10）	中分類（C20）	小分類（C100）	ターム	ターム数
	C20-9 結合モデル相互比較 計画	32	project, intercomparison, CMIP5, coupled, CMIP3	5
	C20-10 気候モデル	33	model, surface, temperature, simulation, difference, condition, estimate, parameter, uncertainty, error, bias, comparison, sensitivity, input, agreement, mean, average, output, deviation, discrepancy	20
		34	scheme, version, improvement, GCM, representation, GCMs, parameterization, configuration, parameterizations, formulation, deficiency, underestimation	12
		35	prediction, ensemble, weather, forecast, skill, predictability, forecasting, member	8
		36	national, center, atmospheric, environmental	4
		37	reanalysis, centre, european, ECMWF, reanalyses	5
C10-7 植物	C20-11 植物	38	plant, trait, leaf, leave, SLA	5
		39	specie, community, species, diversity, richness, assembly, niche	7
C10-8 土壌・水	C20-12 土壌	40	soil, moisture, content, respiration, matter	5
		41	degree, C, pool, stock, SOC, C., turnover	7
		42	decomposition, litter	2
		43	N, addition, nitrogen, P, availability, nutrient, cycling, mineralization	8
		44	effect, response, rate, warming, growth, treatment, root, uptake, accumulation, seedling, allocation	11
	C20-13 水	45	basin, river, runoff, sediment, erosion, catchment, discharge, watershed, streamflow, hydrology	10
		46	GPP, eddy, tower, covariance	4
		47	mm., evaporation, evapotranspiration, ET, transpiration	5
		48	water, efficiency, vapor, supply, irrigation, demand, deficit	7
		49	carbon, CO2, canopy, exchange, storage, sink, dioxide, biosphere, photosynthesis, tundra, pg, reservoir	12
		50	gas, yr, greenhouse, CH4, tg, N2O, methane, release	8
		51	g, ha, kg, mg	4
		52	crop, yield, rice, wheat, residue	5
C10-9 大気	C20-14 大気	53	flux, energy, heat, budget, balance	5
		54	m, radiation, atmosphere, W, transfer, shortwave, calculation, irradiance, longwave, top, TOA, clear-sky, sky, SW, wm, UV	16
	C20-15 雲・エアロゾル	55	july, june, august, may, april, march, january, october, december, november, february	11
		56	climatology, international, ISCCP	3
		57	cloud, property, amount, fraction, cirrus, path, radius, droplet	8
		58	band, absorption, line, spectrum, spectra, O, sigma	7
		59	aerosol, dust, desert, AOD, loading	5
		60	size, particle, nm, scattering, polarization, wavelength, diameter, polder	8
C10-10 その他	C20-16 北大西洋	61	record, delta, core, reconstruction, BP, isotope, proxy, ka, oxygen, O-18	10
		62	sea, ice, arctic, thickness	4
		63	rise, sheet, greenland, sea-level	4
		64	hemisphere, southern, northern	3
		65	north, atlantic, freshwater, AMOC	4
	C20-17 循環	66	wind, speed, direction	3
		67	circulation, shift, convection, convergence, jet, position, divergence, propagation, ITCZ, hadley, equator, migration, midlatitude	13
		68	state, feedback, strength, theory, coupling, stability, perturbation, spread, adjustment, limit, forcings, tendency, timescales, equilibrium, advection, air-sea, sign, ocean-atmosphere	18

大分類（C10）	中分類（C20）	小分類（C100）	ターム	ターム数
		69	cycle, phase, latitude, profile, pressure, signal, heating, peak, K, amplitude, humidity, maximum, tropic, cooling, velocity, E, h, hPa, noise, motion, cloudiness, globe	22
		70	united, states	2
		71	asia, east, southeast	3
		72	south, africa, america, europe, west, central, american, mediterranean	8
		73	rain, TRMM, tropical, gauge	4
		74	rainfall, summer, monsoon, india, bay, arabian	6
	C20-18 感染症	75	cell, expression, gene, protein, patient, disease, sequence, cancer, IGF-I, tumor, medium, tissue	12
	C20-19 地形	76	height, elevation, lidar, laser, ICESat, footprint, glas	7
	C20-20 その他	77	field, experiment, control, wave, formation, length, assimilation, element, material, laboratory, run, trace, mineral, orbit, determination, filter, roughness, gravity, IR, PM	20
		78	sample, design, sampling, procedure, interval, support, status, confidence, training, vector, operation, hour	12
		79	value, distribution, range, component, structure, number, case, function, characteristic, performance, quality, order, term, feature, magnitude, modeling, ability, evaluation, basis, example, aspect, limitation, respect, advantage, quantity	25
		80	albedo, mode, work, measure, test, point, database, global, indicator, variance, domain, account, purpose, step, equation, generation, probability, survey, investigation, power, inversion, solution, aim, assumption, variety, constraint, lack, author, cause, dependence, selection, total, distance, phenomenon, criterion, programme, fluctuation, interpretation, identification, general, collection, signature, shape, category, curve, similarity, cluster, consistency, reason, characterization, description, significance, situation, choice, modification, possibility, inclusion, principle, behaviour, accounting, fact, object, other, latter, GIS, utility, show, extension	68
		81	estimation, radar, RMSE, R-2, AGB, SAR	6
		82	correlation, variable, coefficient, regression, S, R, p, predictor, n, r, T	11
		83	area, forest, type, tree, density, plot, stand, wood, plantation, pine	10
		84	form, life, seed, target, dispersal, success, restoration	7
		85	landscape, metric, edge, patch, matrix	5
		86	site, gradient, composition, location, abundance, grass, altitude, savanna, shrub, heterogeneity, individual, assemblage, competition, woodland	14
		87	biome, pollen, percentage, taxon, Q	5
		88	grassland, intensity, productivity, NPP, grazing, meadow, steppe	7
		89	china, plateau, slope, mountain, topography, terrain, province, TP, valley	9
		90	chlorophyll, peninsula, current, antarctica, front, antarctic	6
		91	flow, wetland, salinity, stream, groundwater, salt, table	7
		92	layer, snow, depth, boundary, cm	5
		93	light, city, nighttime, urbanization	4
		94	cropland, land-use, expansion, land-cover, deforestation, conversion, amazon, brazil, pasture	9
		95	level, part, influence, loss, zone, population, lake, habitat, combination, regime, contrast, stress, evolution, transition, presence, future, nature, unit, volume, coast, australia, continent, glacier, pathway, island, history, proportion, complexity, decline, canada, sector, body, trajectory, resistance, hand, seasonality, origin, base, US, majority, new, synthesis, host, U.S., USA, attribute, mixture, de, suite, absence, fertilization, planet, percent, intensification, fall, S., portion, turn, regulation, load, california, alpha, grain, gain, protection, composite, extinction, time-series, force, L., LULC, great, middle, belt, damage, mexico, persistence, rule	78
		96	activity, frequency, occurrence, storm, cyclone, track, TC	7

大分類（c10）	中分類（c20）	小分類（c100）	ターム	ターム数
		97	trend, century, extent, decade, end, september, half	7
		98	event, day, drought, indices, disturbance, stage, degradation, flood, extreme, duration, permafrost, recovery, near-surface, severity, night, return, succession	17
		99	winter, spring, autumn	3
		100	onset, date, phenology, timing	4