MLYMCT - HLYMC TABLE AIPH - AGRICULTURAL INPUTS PER HECTARE (DOLLA)	RS/	UIL - URBAN-INDUSTRIAL LAND (HECTARES) DT - TIPE INTERVAL DETWEEN CONSECUTIVE CALCULATIONS (YEARS)	
HECTARE-YEAR)		LRUI - LAND REMOVAL FOR URBAN-INDUSTRIAL (HECTARES/YEAR)	USE
LOOP 3: LAND EROSION AND URBAN-INDUSTRIAL USE		UILI - URDAN-INDUSTRIAL LAND INITIAL (HEC	TARES)
ALL.K=ALLN*LLMY.K	112, A	LOOP 4: LAND FERTILITY DEGRADATION	
ALLN-6000 ALL - AVERAGE LIFE OF LAND (YEARS) ALLN - AVERAGE LIFE OF LAND NORMAL (YEARS)	112.1, C	LPERT.K=LFERT.J+(DT)(LFR.JK-LFD.JE) LFERT=LFERTI LPERTI=600	121, L 121.1, 121.2,
LLMY - LAND LIFE MULTIPLIER FROM YIELD (DIMENSIONLESS)		LFERT - LAND FERTILITY (VEGFTABLE-EQUIVALE KILOGRAMS/HECTARE-YEAR)	NT.
LLMY.K=CLIP(LLMY2.K,LLMY1.K,TIME.K,PYEAR) LLMY - LAND LIFE MULTIPLIER FROM YIELD	113, A	DT - TIME INTERVAL BETWEEN CONSECUTIVE CALCULATIONS (YEARS) LFR - LAND FERTILITY REGENERATION (VEGET	ARLE=
(DIMENSIONLESS) CLIP - A FUNCTION SWITCHED DURING THE RUN LLMY2 - LLMY, VALUE AFTER TIME-PYEAR (DIMENSIONLESS)		EQUIVALENT KILOGRAMS/HECTARE-YEA LPD - LAND PERTILITY EDGRADATION (VEGITA EQUIVALENT KILOGRAMS/HECTARE-YEA	R-YEAR) DLE- R-YEAR)
LLMY1 - LLMY, VALUE BEFORE TIME=PYEAR (DIMENSIONLESS)		LPERTI - LAND PERTILITY INITIAL (VEGETABLE- EQUIVALENT KILOGRAMS/HECTARE-YEA	R)
TIME - CURRENT TIME IN THE SIMULATION RUN PYEAR - YEAR NEW POLICY IS IMPLEMENTED (YEAR)		LFDR.K=TABIL (LFDRT, PPOLX.K,0,30,10) LFDRT=0/.1/.3/.5	122, A 122.1,
LLMY1.K=TABHL(LLMY1T,LY.K/ILP,0,9,1) LLMY1T=1.2/1/.63/.36/.16/.055/.04/.025/.015/.01 LLMY1 - LLMY, VALUE BEFORE TIME=PYEAR (DIMENSIONLESS)	114, A 114,1, T	LFOR - LAND PERTILITY DEGRADATION RATE (1 TABBLE - A FUNCTION WITH VALUES SPECIFIED B LFDRT - LFDR TABLE PPOLX - INDEX OF PERSISTENT POLLUTION	Y A TABLE
TABIL - A FUNCTION WITH VALUES SPECIFIED BY A 1	TADLE	PPOLX - INDEX OF PERSISTENT POLLUTION (DIMENSIONLESS)	
LLMY1T - LLMY1 TABLE LAND YIELD (VEGETABLE-EQUIVALENT KILOGE HECTARE-YEAR)	RAMS/	LFD.KL=LFERT.K*LFDR.K LFD - LAND FERTILITY DEGRADATION (VEGETA EQUIVALENT KILOGRAMS/HECTARE-YEA	123, R BLE- P-VEAR)
ILF - INHERENT LAND PERTILITY (VEGETABLE- EQUIVALENT KILOGRAMS/HECTARE-YEAR) LLMY2.K=TABHL(LLMY2T,LY,K/ILF,0,9,1)	115. A	LPERT - LAND PERTILITY (VEGETABLE-EQUIVALE KILOGRAMS/HECTARE-YEAR)	117
LLMY2T=1.2/1/.63/.36/.16/.055/.04/.025/.015/.01 LLMY2 - LLMY, VALUE APTER TIME=PYEAR (DIMENSIONLESS)	115,1, 7	LPDR - LAND PERTILITY DEGRADATION RATE (1	/YEAR)
TABEL - A FUNCTION WITH VALUES SPECIFIED BY A T LLHY2T - LLHY2 TABLE	TABLE	LOOP 5: LAND FERTILITY REGENERATION	
LY - LAND YIELD (VEGETABLE-EQUIVALENT KILOGI HECTARE-YEAR) ILF - INTEREST LAND PRETILITY (VEGETABLE-	RAMS/	LFR.KL=(ILF-LPERT.K)/LFRT.K ILF=500 LFR - LAND FERTILITY REGENERATION (VEGET	124, R 124.1,
EQUIVALENT KILOGRAMS/HECTARE-YEAR)		EQUIVALENT KILOGRAMS/HECTARE-YEA	R-YEAR)
LER.KL=AL.K/ALL.K LER - LAND EROSION RATE (HECTARES/YEAR) AL - ARABLE LAND (HECTARES) ALL - AVERAGE LIFE OF LAND (YEARS)	116, R	EQUIVALENT KILOGRAMS/HECTARE-YEA LPERT - LAND FERTILITY (VEGETABLE-EQUIVALE KILOGRAMS/HECTARE-YEAR LPRT - LAND FERTILITY REGENERATION THE	NT
UILPC.K=TABHL(UILPCT,IOPC.K,0,1600,200) UILPCT=.005/.008/.015/.025/.04/.055/.07/.00/.09	117, A 117.1, T	LFRT.K=TABHL(LFRTT,FALM.K,0,.10,.02) LFRTT=20/13/9/4/2/2 LFRT - LAND FURTILITY REGENERATION THE	125, A 125.1, (YEARS)
UILPC - URBAN-INDUSTRIAL LAND PER CAPITA (HECTY PERSON) TABIL - A PUNCTION WITH VALUES SPECIFIED BY A TULEPCT - UILPC TABLE		TABEL - A PUNCTION WITH VALUES SPECIFIED I LFRIT - LFRI TABLE FALM - FRACTION OF INPUTS ALLOCATED TO LI	Y A TABLE
UILPCT - UILPC TABLE IOPC - INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/ PERSON-YEAR)		MAINTENANCE (DIMENSIONLESS)	
		LOOP 6: DISCONTINUING LAND MAINTENANCE	
UILR.K=UILPC.K*POP.K UILR - URBAN-INDUSTRIAL LAND REQUIRED (HECTAR UILPC - URBAN-INDUSTRIAL LAND PER CAPITA (HECTAR		PALM.K=TABHL(PALMT,PFR.K,0,4,1) FALMT=0/.04/.07/.09/.1 FALM - FRACTION OF INPUTS ALLOCATED TO LI	126, A 126.1,
POP - POPULATION (PERSONS)	neus/	MAINTENANCE (DIMENSIONLESS) TARMI A FUNCTION WITH VALUES SPECIFIED I	Y A TABLE
LRUI.KL=MAX(0, (UILR.K-UIL.K)/UILDT) UILDT=10	119, R 119.1, C	PALMT - PALM TABLE PFR - PERCEIVED FOOD RATIO (DIMENSIONLES	
LRUI - LAND REMOVAL FOR URBAN-INDUSTRIAL USE (HECTARES/YEAR)		FR.K=FPC.K/SPPC SPPC=230	127, A 127.1,
UILR - URBAN-INDUSTRIAL LAND REQUIRED (HECTARE UIL - URBAN-INDUSTRIAL LAND (HECTARES) UILDT - URBAN-INDUSTRIAL LAND DEVELOPMENT TIME (YEARS)		PR - FOOD RATIO (DIMENSIONLESS) PPC - FOOD PER CAPITA (VEGETABLE-EQUIVA: KILOGRAMS/PERSON-YEBBAR) SFPC - SUBSISTENCE FOOD PER CAPITA (VEGE	PABLE-
UIL.K=UIL.J+(DT)(LRUI.JK)	120, L	EQUIVALENT KILOGRAMS/PERSON-YEA	
UILWILI UILI=8,2E6	120.1, N 120.2, C	PFR.K=SHOOTH(FR.K,FSPD) PFR=1	128, A 128.1,